

#### RP21Y01 (Shiny Straw): Why called Shiny Straw Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	79 (1.8)
Germany	71 (2.3)
Italy	70 (1.7)
Denmark	70 (2.2)
Finland	69 (2.5)
Israel	67 (3.3)
Singapore	66 (2.5)
Norway (5)	66 (2.9)
Lithuania	66 (2.7)
Czech Republic	64 (3.7)
Belgium (Flemish)	63 (2.4)
Hungary	63 (3.3)
Slovenia	62 (3.7)
International Average	60 (0.6)
Chinese Taipei	59 (3.8)
Slovak Republic	58 (2.2)
Spain	57 (3.2)
New Zealand	56 (2.4)
Portugal	55 (2.6) ▼
Sweden	54 (3.2) ▼
Croatia	53 (3.1) ▼
Malta	53 (3.2) ▼
Kazakhstan	52 (2.8) ▼
Saudi Arabia	49 (2.9) ▼
United Arab Emirates	45 (2.9) ▼
Qatar	43 (3.1) ▼
enchmarking Participants	
Moscow City, Russian Fed.	85 (2.1)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y02 (Shiny Straw): Why Shiny Straw was better hunter Multiple Choice (Key is D)

Country	Percent Full Credit	
Singapore	89 (1.1)	
Croatia	87 (2.5)	
Russian Federation	86 (2.0)	
Chinese Taipei	85 (1.7)	
Kazakhstan	84 (1.6)	
Finland	84 (1.7)	
Spain	83 (2.7)	
Slovenia	83 (2.7)	
Italy	82 (2.3)	
Sweden	82 (2.8)	
Lithuania	81 (2.7)	
Czech Republic	80 (2.4)	
Portugal	80 (2.1)	
Denmark	79 (2.2)	
Israel	79 (1.7)	
Hungary	78 (3.1)	
Germany	78 (2.4)	
International Average	78 (0.5)	
Slovak Republic	73 (2.1) ▼	
Belgium (Flemish)	70 (2.9) ▼	
Norway (5)	69 (3.1) ▼	
United Arab Emirates	68 (3.0) ▼	
New Zealand	68 (2.2) ▼	
Qatar	66 (2.7) ▼	
Malta	63 (4.1) ▼	
Saudi Arabia	61 (3.0)	
enchmarking Participants		
Moscow City, Russian Fed.	93 (1.2)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP21Y03 (Shiny Straw): "Flat as cat in the yellow grass" **Constructed Response (1 Point)**

Country	Percent Full Credit	
Germany	69 (2.8)	
Singapore	59 (2.9)	
Slovenia	57 (3.6)	
Sweden	55 (2.8)	
Czech Republic	55 (3.3)	
Denmark	55 (3.4)	
Croatia	54 (3.1)	
Finland	53 (2.7)	
New Zealand	53 (2.5)	
Italy	52 (2.4)	
Portugal	51 (2.4)	
Norway (5)	50 (2.6)	
Hungary	50 (3.7)	
Lithuania	48 (4.6)	
Russian Federation	46 (2.7)	
International Average	45 (0.7)	
Israel	43 (3.4)	
Slovak Republic	40 (3.6)	
Malta	37 (4.6)	
Spain	33 (4.8) ▼	
Kazakhstan	29 (2.7) ▼	
Belgium (Flemish)	28 (2.4) ▼	
United Arab Emirates	27 (3.2) ▼	
Qatar	15 (2.3) ▼	
Saudi Arabia	12 (2.0) ▼	
Chinese Taipei		
enchmarking Participants		
Moscow City, Russian Fed.	62 (2.4)	

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of

rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available.



#### RP21Y04 (Shiny Straw): What Shiny Straw could catch Multiple Choice (Key is B)

Country	Percent Full Credit
Chinese Taipei	76 (3.4) <b>▲</b>
Norway (5)	75 (2.1) ▲
Czech Republic	75 (2.3) <b>▲</b>
Germany	74 (2.9)
Croatia	73 (3.3) 🔺
Singapore	71 (2.8) 🔺
Italy	71 (1.7)
Sweden	71 (3.1) 🔺
Denmark	69 (2.9)
Slovenia	69 (2.5) ▲
Israel	66 (2.1)
Russian Federation	65 (3.0)
Finland	64 (2.2)
International Average	63 (0.6)
Lithuania	61 (3.3)
Portugal	61 (2.7)
Slovak Republic	60 (3.1)
Spain	59 (3.0)
Belgium (Flemish)	57 (2.4) ▼
Saudi Arabia	55 (2.6) ▼
New Zealand	54 (2.7) ▼
Malta	52 (3.3) ▼
Kazakhstan	51 (2.2) ▼
Qatar	50 (3.5) ▼
Hungary	50 (3.2) ▼
United Arab Emirates	49 (2.4) ▼
enchmarking Participants	
Moscow City, Russian Fed.	76 (2.0) <b>▲</b>

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y05 (Shiny Straw): Why SS missed opportunities Multiple Choice (Key is B)

Country	Percent Full Credit	
Russian Federation	89 (1.7) 🔺	
Singapore	85 (2.2) 🔺	
Chinese Taipei	83 (2.4)	
Croatia	75 (2.9) ▲	
Denmark	73 (2.7) ▲	
Sweden	70 (3.0)	
Finland	70 (2.2) 🔺	
Kazakhstan	70 (2.4) 🔺	
Belgium (Flemish)	69 (2.7)	
Slovenia	69 (2.8)	
New Zealand	68 (2.5)	
Hungary	66 (2.4)	
International Average	64 (0.6)	
Germany	64 (3.3)	
Israel	62 (2.7)	
Lithuania	61 (2.8)	
Italy	61 (2.4)	
Czech Republic	59 (2.4) ▼	
Malta	58 (3.0) ▼	
Spain	55 (3.9) ▼	
Slovak Republic	54 (3.0) ▼	
United Arab Emirates	54 (3.1) ▼	
Norway (5)	52 (2.4) ▼	
Portugal	49 (2.9) ▼	
Saudi Arabia	47 (3.8) ▼	
Qatar	46 (3.0) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	94 (1.3) 🔺	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP21Y06 (Shiny Straw): Blue Wolf's complaint about SS Multiple Choice (Key is A)

Country	Percent Full Credit	
Singapore	84 (2.0)	
Russian Federation	81 (2.7)	
Denmark	73 (2.3)	
Norway (5)	72 (2.3)	
Czech Republic	71 (3.0)	
Germany	71 (2.2)	
Hungary	71 (3.0)	
Chinese Taipei	69 (2.9)	
Slovak Republic	68 (3.0)	
Sweden	68 (2.3)	
Croatia	67 (4.2)	
Italy	67 (1.9)	
Finland	66 (2.2)	
Israel	66 (2.4)	
Spain	66 (2.1)	
International Average	65 (0.6)	
Lithuania	64 (2.9)	
Slovenia	64 (3.5)	
Portugal	62 (2.4)	
Malta	61 (3.9)	
United Arab Emirates	60 (2.8)	
New Zealand	59 (2.7) ▼	
Belgium (Flemish)	56 (3.8) ▼	
Qatar	53 (2.7) ▼	
Kazakhstan	45 (3.1) ▼	
Saudi Arabia	43 (2.4) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	85 (1.8) 🔺	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y07 (Shiny Straw): What Shiny Straw wanted to do Multiple Choice (Key is B)

Country	Percent Full Credit	
Russian Federation	89 (1.7) 🔺	
Czech Republic	89 (1.9)	
Slovenia	88 (2.7)	
Italy	87 (1.4) 🔺	
Lithuania	87 (1.8) 🔺	
Germany	87 (2.3)	
Croatia	86 (3.2)	
Finland	85 (1.8)	
Spain	85 (2.4)	
Chinese Taipei	85 (2.3)	
Hungary	84 (1.9)	
Slovak Republic	83 (2.1)	
Sweden	81 (2.1)	
Denmark	81 (2.1)	
Portugal	81 (1.9)	
International Average	80 (0.5)	
Israel	78 (1.9)	
Norway (5)	77 (2.2)	
Singapore	76 (2.6)	
Belgium (Flemish)	76 (2.6)	
Kazakhstan	75 (2.0) ▼	
New Zealand	74 (2.6) ▼	
Malta	73 (3.0) ▼	
Qatar	67 (4.4) ▼	
Saudi Arabia	62 (2.0) ▼	
United Arab Emirates	62 (2.8) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	90 (1.4)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y08 (Shiny Straw): What hunters did to Shiny Straw Multiple Choice (Key is C)

Country	Percent Full Credit	
Croatia	88 (2.3)	
Russian Federation	87 (2.0)	
Singapore	85 (1.9)	
Czech Republic	82 (1.4)	
Chinese Taipei	81 (2.5)	
Sweden	80 (1.9)	
Italy	77 (1.9)	
Finland	76 (2.0)	
Lithuania	76 (2.6)	
Slovenia	75 (3.3)	
International Average	73 (0.5)	
Slovak Republic	73 (2.5)	
Israel	73 (2.4)	
Hungary	73 (2.6)	
New Zealand	73 (2.8)	
Spain	72 (2.4)	
Portugal	71 (2.0)	
Germany	71 (2.6)	
Denmark	69 (2.4)	
Kazakhstan	69 (1.8)	
Belgium (Flemish)	67 (2.5)	
Qatar	67 (3.3)	
Malta	64 (4.6)	
Norway (5)	63 (3.2)	
United Arab Emirates	62 (3.1)	
Saudi Arabia	61 (3.6)	
enchmarking Participants		
Moscow City, Russian Fed.	92 (1.4)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y09 (Shiny Straw): Blue Wolf helps Shiny Straw escape **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	83 (2.0) 🔺	95 (1.3) 🔺
Croatia	80 (2.7)	98 (0.7)
Chinese Taipei	80 (2.4)	98 (0.6)
Russian Federation	79 (2.2) ▲	94 (1.6) 🔺
Czech Republic	77 (3.3) 🔺	94 (2.0)
Slovak Republic	73 (3.0) ▲	91 (1.7) 🔺
Portugal	73 (1.9) ▲	94 (1.2) 🔺
Germany	71 (2.6) 🔺	89 (1.7)
Israel	69 (2.5) ▲	87 (1.8)
Hungary	66 (2.7)	88 (1.8)
International Average	64 (0.6)	87 (0.4)
Italy	63 (2.0)	90 (1.5) 🔺
Denmark	63 (2.5)	89 (1.4) 🔺
Slovenia	62 (4.0)	87 (2.7)
Sweden	62 (3.0)	89 (1.9)
New Zealand	61 (2.9)	86 (2.3)
Finland	61 (2.2)	91 (2.2)
Spain	58 (3.5)	89 (1.5)
Kazakhstan	57 (2.6) ▼	82 (2.1) ▼
Lithuania	57 (3.4) ▼	87 (2.1)
Norway (5)	56 (2.5) ▼	85 (2.1)
United Arab Emirates	54 (3.7) ▼	71 (3.6) ▼
Qatar	54 (4.2) ▼	75 (4.3) ▼
Belgium (Flemish)	51 (3.0) ▼	78 (1.9) ▼
Malta	43 (3.8) ▼	73 (3.8) ▼
Saudi Arabia	43 (3.6) ▼	64 (3.0) ▼
enchmarking Participants		
Moscow City, Russian Fed.	88 (1.4)	98 (0.6)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y10 (Shiny Straw): Why SS said I'm sorry **Constructed Response (1 Point)**

Country	Percent Full Credit
Germany	58 (3.4)
Finland	56 (2.0) ▲
Croatia	53 (4.6)
Sweden	52 (1.8)
New Zealand	52 (2.3)
Denmark	51 (3.5)
Czech Republic	48 (4.4)
Singapore	48 (2.7)
Hungary	48 (3.2)
Portugal	47 (2.1)
Belgium (Flemish)	46 (3.0)
Israel	45 (3.0)
International Average	44 (0.7)
Norway (5)	44 (2.5)
Lithuania	44 (3.4)
Russian Federation	44 (3.0)
Malta	41 (5.6)
Italy	40 (1.8) ▼
Slovenia	39 (3.2)
Chinese Taipei	37 (2.7) ▼
Kazakhstan	37 (2.2) ▼
Spain	35 (3.2) ▼
Slovak Republic	35 (3.7) ▼
United Arab Emirates	34 (2.9) ▼
Qatar	31 (5.5) ▼
Saudi Arabia	
enchmarking Participants	
Moscow City, Russian Fed.	51 (2.5)

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of

rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available.



RP21Y11 (Shiny Straw): Understanding of mother's words
Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	86 (1.6) 🔺
Singapore	83 (1.4) 🔺
Czech Republic	80 (2.4)
Germany	80 (2.5)
Denmark	79 (2.4) ▲
Italy	78 (2.9) ▲
Slovak Republic	75 (3.3)
Lithuania	74 (2.8)
Croatia	74 (3.1)
Finland	72 (2.2)
Chinese Taipei	71 (2.6)
Israel	71 (2.5)
Slovenia	71 (3.7)
Sweden	71 (2.9)
International Average	69 (0.6)
Hungary	69 (2.8)
Norway (5)	68 (2.7)
Portugal	68 (2.3)
Spain	65 (3.8)
New Zealand	64 (2.6) ▼
Kazakhstan	61 (3.6) ▼
Malta	61 (5.0)
United Arab Emirates	59 (2.8) ▼
Belgium (Flemish)	57 (3.2) ▼
Qatar	52 (3.9) ▼
Saudi Arabia	45 (2.7) ▼
enchmarking Participants	
Moscow City, Russian Fed.	91 (1.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y12 (Shiny Straw): Words that describe Shiny Straw **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	70 (4.4) 🔺	79 (4.0) ▲
Czech Republic	70 (3.3) 🔺	76 (2.4) ▲
Singapore	67 (2.5) 🔺	76 (2.6) ▲
Russian Federation	66 (2.5) ▲	77 (2.5) 🔺
Slovak Republic	65 (3.2) ▲	73 (3.1) ▲
Israel	63 (2.5) ▲	69 (2.5) ▲
Italy	63 (2.3) ▲	65 (2.4)
Hungary	61 (2.5) ▲	71 (2.5) 🔺
Denmark	60 (2.9) ▲	71 (2.9) 🔺
Chinese Taipei	60 (3.1) ▲	64 (3.1)
Germany	56 (3.4)	57 (3.4)
Slovenia	54 (3.9)	63 (3.6)
International Average	52 (0.6)	61 (0.6)
Belgium (Flemish)	52 (2.6)	57 (2.1)
New Zealand	52 (2.4)	57 (2.6)
Finland	51 (3.0)	60 (3.7)
Portugal	51 (2.8)	59 (2.5)
Spain	50 (3.3)	61 (3.1)
Sweden	48 (2.3)	66 (1.9) ▲
Malta	44 (3.3) ▼	48 (3.6) ▼
Lithuania	42 (3.1) ▼	62 (2.1)
United Arab Emirates	37 (3.3) ▼	43 (3.4) ▼
Kazakhstan	37 (2.3) ▼	52 (1.8) ▼
Qatar	34 (3.1) ▼	41 (3.0) ▼
Norway (5)	27 (2.1) ▼	58 (2.8)
Saudi Arabia	12 (2.1) ▼	22 (2.3) ▼
enchmarking Participants		
Moscow City, Russian Fed.	67 (1.8) ▲	88 (1.7) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP21Y13 (Shiny Straw): Describe Blue Wolf **Constructed Response (3 Points)**

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Chinese Taipei	45 (2.7) ▲	66 (3.1) ▲	90 (1.6) 🔺
Singapore	41 (2.6)	63 (2.7) ▲	89 (1.6)
Croatia	37 (4.2) 🔺	72 (3.5) ▲	94 (2.1)
Italy	32 (2.0) 🔺	60 (2.6) ▲	88 (1.9) 🔺
Israel	27 (2.5) 🔺	54 (3.5) ▲	84 (2.3) 🔺
Russian Federation	25 (2.8)	58 (3.5) ▲	92 (1.7) 🔺
Sweden	25 (2.2)	51 (3.1) ▲	85 (2.4)
Hungary	24 (2.3)	54 (2.7) ▲	82 (2.4)
Slovak Republic	24 (2.4)	52 (3.2) ▲	87 (2.0) 🔺
Finland	23 (2.5)	47 (2.9)	86 (1.6) 🔺
Denmark	22 (2.6)	49 (3.9)	89 (2.2) 🔺
nternational Average	22 (0.5)	44 (0.6)	79 (0.5)
Portugal	21 (2.6)	35 (2.5) ▼	77 (2.3)
New Zealand	21 (1.8)	41 (2.3)	79 (1.9)
Germany	19 (3.2)	33 (3.7) ▼	85 (2.3) 🔺
Slovenia	18 (2.8)	31 (3.3) ▼	82 (3.1)
Spain	18 (2.5)	46 (2.6)	74 (3.3)
Lithuania	18 (2.2)	49 (3.9)	76 (2.6)
Kazakhstan	18 (1.6) ▼	42 (3.4)	76 (2.0)
Czech Republic	16 (1.8) ▼	42 (2.7)	88 (3.2) 🔺
Malta	15 (3.1) ▼	41 (4.9)	67 (2.7) ▼
United Arab Emirates	15 (1.8) ▼	37 (3.6) ▼	63 (3.3) ▼
Norway (5)	12 (1.6) ▼	23 (2.3) ▼	88 (2.4) 🔺
Qatar	11 (1.8) ▼	27 (3.1) ▼	55 (3.3) ▼
Saudi Arabia	6 (1.7) ▼	12 (2.1) ▼	35 (3.1) ▼
Belgium (Flemish)	6 (1.5) ▼	14 (2.0) ▼	70 (2.4) ▼
enchmarking Participants			
Moscow City, Russian Fed.	49 (3.5) ▲	81 (2.4) 🔺	98 (0.7)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP21Y14 (Shiny Straw): Would Blue Wolf be a better title **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	56 (2.8) ▲	86 (2.1) 🔺
Russian Federation	56 (3.5) ▲	71 (2.7) 🔺
Singapore	55 (2.9) ▲	78 (3.0) ▲
Israel	54 (3.2) ▲	75 (2.6) ▲
Portugal	54 (3.0) ▲	65 (2.9) ▲
Hungary	50 (3.2) ▲	64 (3.1)
Finland	47 (3.3) 🔺	61 (3.3)
Italy	47 (1.8) ▲	67 (2.3) ▲
Slovenia	44 (3.8)	70 (3.0) 🔺
Spain	43 (3.3)	56 (3.2)
Belgium (Flemish)	42 (3.0)	55 (2.6)
International Average	41 (0.6)	59 (0.6)
Slovak Republic	41 (2.8)	61 (3.4)
Kazakhstan	39 (3.4)	55 (3.8)
Norway (5)	39 (3.1)	54 (3.3)
New Zealand	39 (2.5)	51 (2.7) ▼
Denmark	36 (3.4)	59 (3.4)
Czech Republic	36 (3.3)	54 (2.5)
Lithuania	36 (3.0)	39 (3.4) ▼
Germany	33 (3.6) ▼	52 (3.7)
Malta	31 (3.8) ▼	50 (3.9) ▼
Sweden	30 (3.1) ▼	64 (1.9)
Chinese Taipei	27 (2.3) ▼	55 (3.3)
United Arab Emirates	25 (3.5) ▼	38 (3.8) ▼
Qatar	22 (3.5) ▼	33 (3.8) ▼
Saudi Arabia		
enchmarking Participants		
Moscow City, Russian Fed.	62 (3.1)	79 (2.1) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available.



# RP41O01 (Oliver and The Griffin): In the beginning what is Oliver hoping will happen Multiple Choice (Key is C)

Country	Percent Full Credit
Singapore	94 (1.1)
Finland	92 (1.5)
Lithuania	91 (1.9)
Denmark	91 (1.4)
Sweden	91 (1.4)
Germany	90 (1.6)
Russian Federation	90 (1.7)
Slovak Republic	89 (1.9)
Hungary	89 (1.6)
Czech Republic	88 (1.9)
Chinese Taipei	88 (2.4)
Italy	87 (1.6)
Norway (5)	85 (1.9)
International Average	84 (0.4)
Kazakhstan	84 (2.0)
Malta	84 (3.8)
New Zealand	84 (1.6)
Belgium (Flemish)	84 (1.5)
Israel	83 (2.4)
Slovenia	83 (2.8)
Croatia	81 (2.8)
Spain	80 (2.2)
Portugal	79 (1.6) <b>T</b>
Qatar	79 (2.8)
United Arab Emirates	71 (2.9)
Saudi Arabia	56 (3.3)
enchmarking Participants	
Moscow City, Russian Fed.	96 (1.3)

 $<sup>\</sup>blacktriangle\,$  Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41O02 (Oliver and The Griffin): What does Oliver see when he looks through door **Constructed Response (1 Point)**

Country	Percent Full Credit
Lithuania	90 (1.6)
Hungary	89 (1.8)
Singapore	88 (2.0)
Sweden	87 (1.8)
Germany	86 (2.3)
Denmark	86 (1.9)
Chinese Taipei	85 (2.0)
Finland	85 (2.1)
Portugal	83 (1.9)
Kazakhstan	82 (1.9)
Slovak Republic	82 (2.5)
Italy	82 (2.0)
Russian Federation	82 (2.1)
Malta	81 (2.3)
Czech Republic	80 (2.4)
New Zealand	79 (1.9)
International Average	79 (0.5)
Norway (5)	77 (1.7)
Croatia	77 (2.3)
Israel	76 (2.8)
Slovenia	74 (2.5)
Qatar	68 (3.0) ▼
Belgium (Flemish)	68 (3.1) ▼
Spain	66 (2.6) ▼
United Arab Emirates	65 (3.8) ▼
Saudi Arabia	56 (3.2) ▼
enchmarking Participants	·
Moscow City, Russian Fed.	85 (2.1)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41O03 (Oliver and The Griffin): What does this sentence show the reader Constructed Response (1 Point)

Country	Percent Full Credit	
Italy	54 (2.5)	
Israel	52 (2.9)	
Finland	45 (3.8)	
Singapore	44 (2.5)	
Denmark	44 (3.1)	
Croatia	43 (3.1)	
Slovak Republic	43 (3.5)	
Germany	39 (3.6)	
Czech Republic	39 (3.9)	
Hungary	39 (3.2)	
Malta	37 (3.5)	
New Zealand	37 (2.3)	
International Average	34 (0.6)	
Portugal	34 (2.4)	
Norway (5)	34 (3.0)	
Spain	32 (3.7)	
Sweden	32 (2.4)	
Russian Federation	31 (2.9)	
Belgium (Flemish)	30 (2.1)	
Qatar	30 (3.2)	
Lithuania	27 (3.1)	
United Arab Emirates	26 (2.8)	
Slovenia	22 (2.4)	
Kazakhstan	20 (2.5)	
Chinese Taipei	13 (1.9)	
Saudi Arabia	13 (2.8)	
enchmarking Participants		
Moscow City, Russian Fed.	53 (2.1)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41004 (Oliver and The Griffin): What words does the author use to show **Constructed Response (2 Points)**

	Full Credit	at Least 1 Point
Israel	36 (2.8) ▲	61 (3.1) 🔺
Portugal	31 (2.0) 🔺	57 (2.3) ▲
Croatia	30 (4.1) 🔺	52 (4.1) ▲
Czech Republic	27 (3.4) 🔺	50 (3.4)
Lithuania	25 (2.7) 🔺	55 (4.0) ▲
Kazakhstan	23 (2.1)	46 (2.2)
Chinese Taipei	21 (3.0)	58 (2.6) ▲
Russian Federation	21 (2.8)	58 (3.1) ▲
Qatar	20 (2.2)	45 (3.5)
Singapore	20 (1.8)	51 (2.9) ▲
United Arab Emirates	20 (2.6)	39 (4.2)
Malta	19 (3.3)	37 (1.8) ▼
International Average	19 (0.5)	43 (0.6)
Denmark	19 (2.3)	44 (3.4)
Sweden	18 (3.0)	45 (2.9)
Slovak Republic	18 (2.7)	39 (2.8)
Italy	18 (2.1)	47 (2.4)
Hungary	17 (1.8)	37 (3.0) ▼
Germany	16 (2.5)	53 (3.3) ▲
Norway (5)	15 (2.4)	38 (3.4)
Slovenia	12 (1.7) ▼	36 (4.7)
New Zealand	12 (1.5) ▼	31 (2.4) ▼
Belgium (Flemish)	11 (1.4) ▼	31 (2.6) ▼
Spain	9 (1.9) ▼	37 (3.3)
Saudi Arabia	8 (2.2) ▼	16 (2.5) ▼
Finland	4 (0.9) ▼	22 (2.7) ▼
enchmarking Participants		
Moscow City, Russian Fed.	30 (2.6) ▲	72 (2.2) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41O05 (Oliver and The Griffin): What does Oliver discover about griffin **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	61 (3.6)	83 (2.6)
Slovak Republic	58 (2.6) ▲	82 (2.6)
Denmark	55 (2.6) ▲	82 (2.2) 🔺
Singapore	53 (2.7) ▲	77 (2.6) 🔺
Finland	51 (3.3) ▲	76 (2.2) ▲
Portugal	51 (2.8) ▲	73 (2.4) ▲
Czech Republic	51 (2.8) ▲	82 (2.3) 🔺
Croatia	51 (3.5) ▲	76 (3.1) ▲
Sweden	48 (3.5) ▲	72 (2.3) ▲
Italy	47 (2.4) ▲	75 (2.6) ▲
Germany	46 (3.5)	72 (2.9) 🔺
Israel	46 (3.1) ▲	58 (2.8) ▼
Lithuania	42 (3.1)	63 (2.8)
Norway (5)	41 (3.3)	68 (2.8)
nternational Average	40 (0.6)	64 (0.6)
Malta	39 (3.8)	66 (4.4)
Hungary	35 (3.1)	75 (2.7) ▲
Qatar	34 (3.0) ▼	55 (2.7) ▼
United Arab Emirates	33 (2.9) ▼	54 (3.1) ▼
Chinese Taipei	32 (2.8) ▼	51 (2.6) ▼
Slovenia	31 (2.6) ▼	67 (2.8)
New Zealand	29 (2.3) ▼	64 (2.5)
Spain	22 (2.6) ▼	49 (3.1) ▼
Belgium (Flemish)	20 (1.5) ▼	46 (2.9) ▼
Saudi Arabia	12 (1.8) ▼	26 (3.3) ▼
Kazakhstan	9 (1.6) ▼	21 (2.1) ▼
enchmarking Participants		
Moscow City, Russian Fed.	68 (2.8) ▲	91 (1.7) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP41O06 (Oliver and The Griffin): What does Oliver say that offends the griffin Multiple Choice (Key is B)

Country	Percent Full Credit
Lithuania	93 (1.8) 🔺
Czech Republic	91 (2.1)
Russian Federation	91 (1.7)
Germany	89 (1.9)
Italy	88 (1.9)
Singapore	88 (2.2)
Hungary	87 (1.5)
Slovak Republic	84 (2.1)
Croatia	82 (2.6)
Malta	82 (4.1)
Denmark	81 (2.2)
Portugal	81 (1.7)
Finland	81 (2.1)
Slovenia	81 (3.1)
International Average	81 (0.5)
Sweden	80 (2.3)
Kazakhstan	80 (1.9)
Israel	77 (2.4)
Spain	77 (2.9)
Norway (5)	76 (2.7)
New Zealand	74 (1.6) <b>▼</b>
Chinese Taipei	74 (2.2) ▼
Qatar	68 (3.1) ▼
United Arab Emirates	65 (3.4) ▼
Belgium (Flemish)	63 (2.9) ▼
Saudi Arabia	
enchmarking Participants	
Moscow City, Russian Fed.	97 (0.7)

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of

rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available.



RP41O07 (Oliver and The Griffin): One part that looks like eagle and lion **Constructed Response (2 Points)** 

Country	Percent Full Credit	Percent at Least 1 Point
Czech Republic	84 (2.0) 🔺	96 (1.1) ▲
Lithuania	83 (2.3) 🔺	96 (1.1) 🔺
Singapore	78 (2.6) ▲	94 (1.2) 🔺
Russian Federation	76 (3.2) ▲	93 (1.4) 🔺
Norway (5)	76 (2.5) ▲	95 (1.1) ▲
Slovak Republic	76 (2.8) ▲	93 (2.0)
Croatia	75 (4.0)	96 (1.8) 🔺
Denmark	72 (3.1)	93 (1.5)
Finland	72 (4.5)	95 (0.6) ▲
Germany	70 (3.2)	95 (1.4) ▲
Italy	70 (2.9)	94 (1.6)
Chinese Taipei	69 (2.7)	91 (1.8)
Spain	69 (2.6)	91 (2.0)
Kazakhstan	69 (2.6)	89 (1.7)
Portugal	68 (2.5)	93 (1.0) 🔺
International Average	68 (0.6)	90 (0.4)
New Zealand	66 (2.2)	91 (1.2)
Hungary	66 (3.2)	93 (1.7)
Israel	65 (3.0)	90 (1.5)
Malta	63 (3.9)	91 (1.2)
Slovenia	62 (2.9) ▼	89 (1.8)
Belgium (Flemish)	58 (3.0) ▼	84 (1.8) ▼
Qatar	55 (2.9) ▼	80 (2.6) ▼
Sweden	55 (3.1) ▼	90 (1.5)
United Arab Emirates	51 (3.7) ▼	75 (3.1) ▼
Saudi Arabia	45 (4.1) ▼	68 (4.0) ▼
enchmarking Participants		
Moscow City, Russian Fed.	82 (1.8) 🔺	98 (0.8)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41008 (Oliver and The Griffin): Think about when the griffin says **Constructed Response (1 Point)**

Country	Percent Full Credit
Croatia	78 (2.7) <b>▲</b>
Israel	78 (1.9)
Sweden	76 (1.9) <b>▲</b>
Italy	74 (2.4)
Czech Republic	74 (2.3)
Singapore	74 (2.2)
Russian Federation	74 (2.5)
Portugal	72 (2.4)
Germany	70 (3.0)
Hungary	69 (2.8)
Slovak Republic	68 (3.1)
Lithuania	66 (2.8)
Spain	63 (3.6)
Finland	63 (2.9)
International Average	62 (0.6)
Malta	59 (2.9)
New Zealand	59 (2.5)
Slovenia	53 (3.8) ▼
Norway (5)	53 (3.6) ▼
Denmark	52 (2.9) ▼
United Arab Emirates	51 (3.1) ▼
Belgium (Flemish)	50 (3.0) ▼
Qatar	50 (3.4) ▼
Kazakhstan	50 (3.4) ▼
Chinese Taipei	36 (2.7) ▼
Saudi Arabia	31 (4.2) ▼
enchmarking Participants	
Moscow City, Russian Fed.	83 (2.0)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41009 (Oliver and The Griffin): Why does griffin think Oliver will not come back **Constructed Response (1 Point)**

Country	Percent Full Credit	
Croatia	80 (3.5)	
Russian Federation	79 (2.4)	
Sweden	78 (2.5) ▲	
Singapore	78 (2.5) ▲	
Italy	76 (1.8)	
Germany	75 (2.8)	
Chinese Taipei	75 (2.2)	
Denmark	73 (2.5)	
Israel	72 (2.3)	
Norway (5)	71 (2.5)	
Czech Republic	71 (2.8)	
Hungary	70 (2.5)	
Finland	69 (3.6)	
International Average	66 (0.6)	
Portugal	65 (2.8)	
Lithuania	64 (3.4)	
Spain	62 (2.9)	
Belgium (Flemish)	59 (2.8) ▼	
Malta	59 (2.7) ▼	
New Zealand	58 (1.9) ▼	
Kazakhstan	57 (2.5) ▼	
Slovak Republic	56 (2.7) ▼	
Slovenia	55 (3.4) ▼	
Qatar	53 (3.6) ▼	
United Arab Emirates	53 (4.2) ▼	
Saudi Arabia	34 (3.1) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	88 (1.5)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41O10 (Oliver and The Griffin): What kind of boy is Oliver **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	56 (3.3) ▲	82 (2.0) 🔺
Singapore	52 (2.7) ▲	77 (2.0) 🔺
Russian Federation	51 (3.0) ▲	85 (2.2) 🔺
Croatia	50 (4.3) ▲	82 (3.4) 🔺
Hungary	47 (3.2) ▲	69 (2.8)
Italy	43 (2.2) ▲	71 (2.5) 🔺
Czech Republic	42 (3.5)	68 (3.6)
Portugal	41 (2.7)	72 (2.4) ▲
Israel	41 (2.9)	72 (2.8) <b>▲</b>
Slovak Republic	40 (2.8)	67 (2.8)
Malta	37 (4.5)	69 (4.8)
International Average	37 (0.6)	64 (0.6)
Spain	37 (3.4)	62 (3.4)
Denmark	36 (2.5)	60 (2.6)
Sweden	35 (3.3)	62 (3.0)
Kazakhstan	35 (2.0)	67 (2.0)
Slovenia	34 (2.9)	62 (3.6)
New Zealand	33 (2.6)	62 (2.8)
Qatar	32 (2.1) ▼	64 (3.5)
Germany	30 (3.5) ▼	55 (3.5) ▼
Finland	30 (2.8) ▼	63 (2.6)
United Arab Emirates	29 (3.4) ▼	54 (3.5) ▼
Norway (5)	28 (2.5) ▼	51 (3.4) ▼
Lithuania	25 (2.3) ▼	52 (2.9) ▼
Belgium (Flemish)	24 (1.9) ▼	48 (2.1) ▼
Saudi Arabia	15 (2.5) ▼	30 (3.3) ▼
enchmarking Participants		
Moscow City, Russian Fed.	68 (2.6) ▲	94 (1.1) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41O11 (Oliver and The Griffin): What is the "silver gleam" Multiple Choice (Key is A)

Country	Percent Full Credit
Russian Federation	86 (2.1) ▲
Chinese Taipei	78 (2.2) ▲
Hungary	77 (2.8) <b>▲</b>
Singapore	77 (2.6) 🔺
Denmark	75 (2.5) ▲
Germany	74 (2.7) ▲
Lithuania	73 (2.4) ▲
Slovak Republic	72 (3.1)
Qatar	72 (3.1)
Italy	71 (2.5)
Finland	70 (2.3)
Croatia	68 (4.7)
Malta	67 (2.7)
International Average	67 (0.6)
Portugal	67 (1.9)
Czech Republic	66 (2.8)
New Zealand	63 (2.5)
Norway (5)	62 (3.1)
Slovenia	62 (2.8)
Israel	62 (3.2)
Kazakhstan	61 (2.3) ▼
Sweden	60 (3.3) ▼
Spain	58 (4.1) ▼
United Arab Emirates	56 (3.2) ▼
Belgium (Flemish)	55 (2.4) ▼
Saudi Arabia	48 (4.3) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	90 (1.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.





RP41O12 (Oliver and The Griffin): Why does Oliver start digging by the griffin Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	84 (2.6)
Denmark	82 (2.3)
Czech Republic	81 (1.8)
Italy	80 (1.9)
Finland	80 (2.0)
Germany	79 (3.6)
Singapore	79 (2.5)
Chinese Taipei	79 (2.0)
Sweden	78 (2.4)
Russian Federation	78 (2.6)
Norway (5)	77 (2.5)
Slovak Republic	76 (2.7)
Croatia	76 (4.3)
Portugal	76 (2.2)
Malta	75 (5.2)
Hungary	75 (2.4)
Slovenia	75 (3.3)
International Average	73 (0.6)
New Zealand	69 (2.6)
Israel	69 (2.1)
Spain	68 (2.7)
Qatar	63 (3.2)
Kazakhstan	63 (2.3)
Belgium (Flemish)	61 (2.3)
United Arab Emirates	53 (3.1)
Saudi Arabia	50 (3.2) ▼
enchmarking Participants	
Moscow City, Russian Fed.	88 (1.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41O13 (Oliver and The Griffin): Describe why griffin can not do his job **Constructed Response (3 Points)**

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	57 (2.7) ▲	73 (2.7) ▲	76 (2.7) ▲
Italy	50 (2.2) ▲	70 (2.4)	74 (2.3) 🔺
Sweden	47 (3.8) 🔺	62 (3.1) 🔺	68 (2.8)
New Zealand	42 (2.6) ▲	57 (2.0) ▲	64 (2.3)
Croatia	41 (3.6) 🔺	54 (3.7)	61 (4.4)
Israel	36 (3.3)	56 (2.5)	67 (2.9)
Hungary	36 (2.5)	54 (3.4)	72 (2.7) ▲
Slovak Republic	35 (3.2)	51 (3.2)	59 (3.6)
Finland	34 (2.5)	56 (2.7)	66 (2.8)
Malta	34 (5.1)	43 (6.0)	63 (8.1)
Chinese Taipei	34 (3.9)	65 (2.7) ▲	70 (2.3) 🔺
Spain	33 (3.7)	55 (3.9)	63 (3.4)
Czech Republic	33 (3.6)	53 (3.6)	62 (3.5)
International Average	33 (0.6)	52 (0.7)	63 (0.7)
Norway (5)	33 (2.7)	52 (3.0)	59 (2.8)
Russian Federation	30 (3.2)	53 (3.2)	59 (2.6)
Portugal	29 (2.6)	51 (2.9)	57 (2.7) ▼
Denmark	29 (3.1)	57 (3.0)	68 (2.9)
United Arab Emirates	29 (3.2)	45 (4.3)	54 (4.1) ▼
Slovenia	28 (3.1)	48 (3.3)	56 (3.2) ▼
Germany	27 (2.7) ▼	56 (3.0)	80 (2.2) 🔺
Lithuania	27 (2.5) ▼	49 (2.8)	62 (3.2)
Belgium (Flemish)	26 (2.1) ▼	46 (3.6)	55 (3.6) ▼
Qatar	22 (2.7) ▼	45 (3.4) ▼	64 (3.5)
Kazakhstan	19 (2.3) ▼	39 (3.0) ▼	57 (3.4)
Saudi Arabia	14 (2.3) ▼	22 (3.6) ▼	34 (4.2) ▼
enchmarking Participants			
Moscow City, Russian Fed.	45 (2.4) ▲	70 (2.3) 🔺	73 (2.3) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M01 (The Empty Pot): Why Emperor held contest Multiple Choice (Key is B)

Country	Percent Full Credit
Denmark	93 (1.2)
Singapore	93 (1.5)
Hungary	93 (1.6)
Russian Federation	93 (1.3)
Italy	93 (1.2)
Finland	92 (1.7)
Slovenia	92 (1.4)
Chinese Taipei	92 (1.4)
Czech Republic	92 (1.5)
Croatia	92 (2.4)
Germany	91 (1.9)
Spain	91 (1.7)
Slovak Republic	91 (2.0)
Norway (5)	90 (1.6)
Portugal	90 (1.3)
Sweden	89 (1.9)
Lithuania	89 (1.9)
International Average	87 (0.4)
Belgium (Flemish)	86 (2.4)
New Zealand	85 (1.6)
Israel	83 (1.9)
United Arab Emirates	76 (2.3)
Kazakhstan	76 (2.3) <b>Y</b>
Qatar	73 (3.8)
Malta	72 (2.4)
Saudi Arabia	70 (2.9)
enchmarking Participants	
Moscow City, Russian Fed.	97 (0.8)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M02 (The Empty Pot): What each child received **Constructed Response (1 Point)**

PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

Country	Percent Full Credit
Czech Republic	99 (0.4)
Slovak Republic	95 (1.4)
Lithuania	95 (1.1) 🔺
Singapore	95 (1.2) 🔺
Chinese Taipei	94 (1.1)
Sweden	93 (1.5) 🔺
Norway (5)	93 (1.6)
Finland	92 (2.0)
Croatia	92 (2.5)
Slovenia	91 (1.9)
Hungary	91 (1.9) 🔺
Portugal	91 (1.2)
Germany	89 (1.7)
Russian Federation	89 (1.5)
Italy	88 (1.2)
Denmark	88 (1.5)
International Average	87 (0.4)
Kazakhstan	84 (1.2) ▼
New Zealand	83 (2.0) ▼
Israel	82 (1.9) ▼
Spain	81 (2.5) ▼
Qatar	79 (3.1) ▼
Malta	74 (3.5) ▼
Belgium (Flemish)	73 (2.7) ▼
United Arab Emirates	69 (3.2) ▼
Saudi Arabia	63 (4.0) ▼
enchmarking Participants	
Moscow City, Russian Fed.	96 (1.1) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M03 (The Empty Pot): Why called precious possibility Multiple Choice (Key is A)

Country	Percent Full Credit
Denmark	85 (2.0) 🔺
Singapore	80 (2.3)
Czech Republic	79 (2.1) ▲
Italy	78 (1.7) ▲
Slovenia	78 (2.7) ▲
Norway (5)	75 (2.2) ▲
Lithuania	75 (2.6) ▲
Russian Federation	75 (1.6) ▲
Belgium (Flemish)	74 (2.2) ▲
Germany	73 (3.1)
Croatia	72 (3.9)
Slovak Republic	71 (2.9)
Finland	70 (2.0)
Portugal	69 (2.4)
International Average	68 (0.5)
Spain	68 (3.7)
Sweden	68 (1.9)
Chinese Taipei	67 (2.7)
Hungary	67 (3.3)
New Zealand	66 (2.2)
Malta	61 (3.1) ▼
Israel	54 (2.8) ▼
United Arab Emirates	53 (3.2) ▼
Qatar	52 (2.6) ▼
Saudi Arabia	52 (3.3) ▼
Kazakhstan	51 (2.7) ▼
enchmarking Participants	
Moscow City, Russian Fed.	86 (1.9) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M04 (The Empty Pot): How Jun is best gardener **Constructed Response (1 Point)**

Country	Percent Full Credit
Hungary	67 (2.5)
Singapore	66 (2.5)
Croatia	64 (4.3)
Sweden	60 (3.9)
Israel	59 (2.9) ▲
Norway (5)	59 (2.1) ▲
Czech Republic	57 (3.5) 🔺
Chinese Taipei	53 (2.1)
Russian Federation	53 (2.1)
Germany	52 (3.3)
Kazakhstan	51 (2.6)
International Average	50 (0.6)
United Arab Emirates	49 (2.8)
Malta	49 (3.1)
Portugal	47 (2.6)
Belgium (Flemish)	47 (3.2)
Qatar	47 (3.0)
New Zealand	46 (3.2)
Finland	45 (2.8)
Lithuania	42 (2.8) ▼
Slovenia	40 (3.8) ▼
Spain	38 (3.2) ▼
Denmark	34 (2.4) ▼
Italy	34 (1.8) ▼
Saudi Arabia	34 (3.5) ▼
Slovak Republic	
enchmarking Participants	
Moscow City, Russian Fed.	52 (3.1)

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

A dash (-) indicates comparable data not available.

<sup>()</sup> Standard errors appear in parentheses. Because of

rounding some results may appear inconsistent.



#### RP31M05 (The Empty Pot): Which pot looks like Jun's Multiple Choice (Key is A)

Country	Percent Full Credit
Lithuania	89 (1.6)
Singapore	88 (1.8)
Croatia	85 (2.9)
Finland	84 (2.4)
Denmark	83 (2.4)
Hungary	83 (2.0)
Czech Republic	82 (1.7)
Germany	81 (2.3)
Sweden	80 (2.4)
Slovak Republic	76 (2.4)
Norway (5)	76 (2.9)
Italy	75 (1.7)
International Average	74 (0.5)
Spain	72 (3.4)
Malta	71 (2.6)
Russian Federation	71 (2.3)
New Zealand	71 (1.8)
Slovenia	71 (3.5)
Chinese Taipei	70 (2.5)
Portugal	69 (2.1) ▼
United Arab Emirates	69 (2.9)
Israel	65 (2.3) ▼
Belgium (Flemish)	65 (2.5) ▼
Qatar	63 (3.2) ▼
Kazakhstan	62 (2.9) ▼
Saudi Arabia	54 (3.9) ▼
enchmarking Participants	
Moscow City, Russian Fed.	76 (2.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M06 (The Empty Pot): What paragraph shows about Jun Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	86 (1.6)
Russian Federation	85 (2.2)
Singapore	79 (1.8)
Lithuania	76 (2.9)
Finland	76 (2.4)
Italy	73 (2.1)
Sweden	70 (2.8)
Croatia	69 (5.0)
Czech Republic	69 (2.3)
Hungary	67 (2.8)
Spain	67 (3.2)
Portugal	65 (2.5)
Slovak Republic	64 (2.9)
International Average	64 (0.6)
New Zealand	63 (2.8)
Denmark	62 (3.1)
United Arab Emirates	60 (3.4)
Qatar	59 (3.8)
Belgium (Flemish)	56 (2.8) ▼
Norway (5)	54 (2.9) ▼
Slovenia	54 (3.3) ▼
Malta	53 (4.1) ▼
Germany	53 (2.8) ▼
Israel	50 (2.7) ▼
Kazakhstan	50 (3.6) ▼
Saudi Arabia	29 (3.5)
enchmarking Participants	
Moscow City, Russian Fed.	92 (1.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP31M07 (The Empty Pot): Why children built fences Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	91 (1.6)
Chinese Taipei	86 (1.9)
Russian Federation	86 (1.7)
Lithuania	84 (2.2)
Finland	84 (3.4)
Germany	83 (2.2)
Czech Republic	83 (2.0)
Slovenia	82 (2.7)
Sweden	80 (2.3)
New Zealand	79 (2.2)
Italy	79 (2.0)
Denmark	79 (2.0)
Hungary	79 (2.4)
Portugal	76 (2.0)
International Average	76 (0.5)
Belgium (Flemish)	75 (2.4)
Israel	73 (2.2)
Slovak Republic	73 (2.7)
Kazakhstan	71 (2.5)
Malta	71 (2.0)
Qatar	69 (3.3) <b>T</b>
United Arab Emirates	68 (3.5) <b>T</b>
Croatia	67 (5.0)
Spain	66 (1.9)
Saudi Arabia	57 (3.1)
Norway (5)	54 (2.3)
enchmarking Participants	
Moscow City, Russian Fed.	95 (0.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP31M08 (The Empty Pot): Jun did when seed didn't grow Multiple Choice (Key is D)

Country	Percent Full Credit
Czech Republic	95 (1.6) ▲
Russian Federation	93 (1.2) 🔺
Lithuania	90 (1.6)
Singapore	90 (1.4) 🔺
Hungary	88 (1.7) 🔺
Denmark	88 (2.2) 🔺
Italy	87 (1.7) 🔺
Germany	86 (1.7) 🔺
Spain	85 (2.5)
Croatia	85 (2.8)
Chinese Taipei	85 (1.8)
Slovak Republic	84 (2.3)
Finland	84 (2.0)
Slovenia	83 (2.4)
Sweden	82 (2.3)
Portugal	82 (2.2)
International Average	82 (0.5)
New Zealand	80 (2.5)
Belgium (Flemish)	79 (2.2)
Norway (5)	75 (2.5) ▼
Malta	75 (4.6)
Qatar	75 (3.5) ▼
United Arab Emirates	74 (3.3) ▼
Kazakhstan	70 (2.5) ▼
Israel	70 (2.4) ▼
Saudi Arabia	58 (2.7) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	97 (0.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M09 (The Empty Pot): Why other children laughed **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	45 (2.8) ▲	92 (1.4) 🔺
New Zealand	37 (3.5) ▲	89 (1.6)
Chinese Taipei	36 (3.6) ▲	91 (1.7)
Israel	36 (2.3) ▲	80 (2.0) ▼
Russian Federation	36 (2.4) ▲	93 (1.3) 🔺
Croatia	34 (2.8) ▲	96 (1.7) ▲
Spain	33 (3.0) ▲	90 (1.5)
Belgium (Flemish)	28 (2.9)	90 (1.6)
Sweden	28 (2.7)	91 (1.6) 🔺
Lithuania	27 (2.5)	89 (1.6)
International Average	27 (0.6)	88 (0.4)
Italy	27 (2.7)	93 (1.0) 🔺
Finland	27 (1.9)	92 (1.5) 🔺
Czech Republic	26 (2.9)	96 (1.3) ▲
Slovak Republic	25 (2.7)	94 (1.3) 🔺
Denmark	25 (3.0)	92 (1.9) 🔺
Kazakhstan	24 (2.4)	84 (1.8) ▼
Hungary	24 (2.6)	83 (2.2) ▼
Norway (5)	24 (2.7)	93 (1.7) 🔺
Portugal	23 (2.1)	89 (1.7)
Slovenia	23 (3.2)	93 (1.1) 🔺
United Arab Emirates	21 (2.3) ▼	74 (2.7) ▼
Qatar	20 (5.2)	80 (3.3) ▼
Germany	19 (1.9) ▼	93 (1.5) 🔺
Malta	18 (3.9) ▼	78 (3.4) ▼
Saudi Arabia	6 (0.9) ▼	56 (4.0) ▼
enchmarking Participants		
Moscow City, Russian Fed.	42 (2.7) ▲	95 (1.1) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M10 (The Empty Pot): Why Jun's parents gave advice **Constructed Response (1 Point)**

Country	Percent Full Credit	
Singapore	81 (1.9) 🔺	
Chinese Taipei	72 (2.3) 🔺	
Italy	67 (2.2)	
Finland	66 (2.7) ▲	
Germany	65 (3.0)	
Spain	55 (2.7) ▲	
Russian Federation	55 (2.3) ▲	
Kazakhstan	54 (2.5)	
Qatar	54 (4.0)	
New Zealand	52 (2.9)	
United Arab Emirates	52 (3.3)	
International Average	50 (0.6)	
Slovak Republic	48 (3.5)	
Malta	48 (3.8)	
Hungary	48 (2.8)	
Croatia	48 (4.0)	
Sweden	45 (3.9)	
Czech Republic	44 (3.7)	
Belgium (Flemish)	41 (3.6) ▼	
Israel	40 (2.9) ▼	
Norway (5)	40 (3.2) ▼	
Denmark	38 (3.0) ▼	
Lithuania	36 (2.7) ▼	
Slovenia	35 (3.3) ▼	
Portugal	35 (2.5) ▼	
Saudi Arabia	34 (4.4) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	58 (2.6) ▲	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP31M11 (The Empty Pot): Word that describes Jun Multiple Choice (Key is A)

Country	Percent Full Credit	
Singapore	95 (1.3)	
Russian Federation	93 (1.1)	
Croatia	92 (1.7)	
Finland	91 (1.1)	
Italy	90 (1.6)	
Spain	87 (2.1)	
Hungary	84 (1.7)	
Portugal	84 (1.9)	
Norway (5)	84 (2.2)	
Denmark	83 (2.1)	
Slovenia	83 (2.6)	
International Average	81 (0.5)	
Malta	81 (3.3)	
Qatar	81 (2.2)	
Israel	80 (2.2)	
Czech Republic	79 (1.7)	
New Zealand	78 (1.3) <b>•</b>	
Belgium (Flemish)	77 (2.6)	
Chinese Taipei	77 (2.1)	
Sweden	76 (3.1)	
Kazakhstan	76 (1.7) <b>T</b>	
Germany	75 (2.8) <b>T</b>	
Slovak Republic	73 (3.5)	
Saudi Arabia	72 (3.0)	
United Arab Emirates	71 (2.1)	
Lithuania	71 (2.9)	
enchmarking Participants		
Moscow City, Russian Fed.	91 (1.7)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RP31M12 (The Empty Pot): Why Emperor scowled at Jun Multiple Choice (Key is C)

Country	Percent Full Credit
Hungary	84 (2.0)
Singapore	78 (1.8) 🔺
Denmark	74 (3.0) 🔺
Germany	73 (2.6)
Finland	73 (2.1) 🔺
Croatia	72 (3.2) 🔺
Sweden	72 (2.7)
Chinese Taipei	72 (2.6)
Russian Federation	71 (2.0) 🔺
Lithuania	71 (3.5) 🔺
Czech Republic	70 (2.9)
Norway (5)	68 (2.1)
Italy	66 (2.4)
Portugal	65 (2.4)
International Average	64 (0.6)
New Zealand	62 (3.0)
Spain	58 (3.7)
Slovak Republic	57 (3.0) ▼
Slovenia	56 (3.4) ▼
Belgium (Flemish)	55 (3.1) ▼
United Arab Emirates	55 (2.8) ▼
Israel	54 (2.4) ▼
Qatar	51 (3.4) ▼
Kazakhstan	51 (3.5) ▼
Malta	49 (3.8) ▼
Saudi Arabia	31 (2.5) ▼
enchmarking Participants	
Moscow City, Russian Fed.	79 (1.6) <b>▲</b>

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP31M13 (The Empty Pot): Why Jun said "I'm sorry" Multiple Choice (Key is C)

Country	Percent Full Credit	
Chinese Taipei	96 (0.8)	
Russian Federation	96 (1.0)	
Singapore	96 (0.8)	
Italy	95 (1.1)	
Hungary	95 (1.5)	
Denmark	94 (1.6)	
Sweden	94 (1.3)	
Croatia	94 (2.1)	
Finland	94 (1.2)	
Norway (5)	94 (1.1)	
Lithuania	93 (1.3)	
Belgium (Flemish)	91 (1.6)	
Czech Republic	91 (1.9)	
Germany	90 (1.8)	
Portugal	89 (1.7)	
New Zealand	89 (1.8)	
International Average	87 (0.4)	
Spain	85 (1.9)	
Slovak Republic	84 (2.4)	
Malta	83 (1.7)	
Slovenia	81 (2.1)	
Israel	81 (1.7)	
Kazakhstan	80 (1.4)	
Qatar	73 (3.1)	
United Arab Emirates	72 (2.7)	
Saudi Arabia	54 (3.7)	
enchmarking Participants		
Moscow City, Russian Fed.	98 (0.8)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP31M14 (The Empty Pot): Why plants grew in others' pots Multiple Choice (Key is D)

Country	Percent Full Credit	
Hungary	93 (1.5)	
Czech Republic	92 (1.3)	
Lithuania	92 (1.3)	
Russian Federation	91 (1.7)	
Chinese Taipei	87 (1.6)	
Singapore	87 (1.9)	
Denmark	86 (2.5)	
Sweden	85 (2.5)	
Italy	83 (1.6)	
Belgium (Flemish)	82 (2.2)	
Portugal	81 (2.1)	
Croatia	81 (3.5)	
Germany	81 (2.2)	
Norway (5)	81 (3.1)	
Slovak Republic	80 (2.0)	
Finland	79 (2.2)	
New Zealand	78 (1.9)	
International Average	78 (0.5)	
Slovenia	75 (2.5)	
Kazakhstan	73 (2.0)	
Israel	70 (2.3) <b>T</b>	
Spain	68 (3.0) <b>T</b>	
United Arab Emirates	62 (2.7)	
Qatar	61 (3.4)	
Malta	59 (4.6) <b>T</b>	
Saudi Arabia	41 (2.9)	
enchmarking Participants		
Moscow City, Russian Fed.	94 (1.2)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M15 (The Empty Pot): What Emperor values in a person Multiple Choice (Key is B)

Country	Percent Full Credit	
Singapore	90 (1.6)	
Chinese Taipei	89 (2.0)	
Hungary	89 (1.6)	
Lithuania	85 (1.4) 🔺	
Russian Federation	81 (1.9) 🔺	
Italy	81 (1.9) 🔺	
Denmark	80 (2.0)	
Croatia	77 (3.1)	
Sweden	77 (1.8) 🔺	
Norway (5)	76 (2.6)	
Finland	76 (2.3)	
Belgium (Flemish)	73 (2.4)	
Slovenia	72 (2.5)	
International Average	72 (0.5)	
Germany	71 (2.5)	
Kazakhstan	68 (2.4)	
Portugal	67 (2.5)	
Spain	65 (2.9) ▼	
Czech Republic	65 (2.4) ▼	
New Zealand	63 (3.5) ▼	
Malta	62 (2.7) ▼	
Slovak Republic	62 (2.6) ▼	
Israel	62 (2.2) ▼	
Qatar	59 (3.4) ▼	
United Arab Emirates	58 (3.0) ▼	
Saudi Arabia	46 (3.4) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	88 (1.5) 🔺	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP31M16 (The Empty Pot): Why Emperor smiled at Jun **Constructed Response (1 Point)**

Country	Percent Full Credit	
Hungary	82 (2.0)	
Czech Republic	81 (2.4)	
Singapore	80 (1.9)	
Denmark	78 (2.8)	
Lithuania	76 (1.8)	
Russian Federation	73 (2.0)	
Norway (5)	71 (2.6)	
Chinese Taipei	70 (3.3)	
Sweden	68 (2.7)	
Slovak Republic	67 (2.9)	
Portugal	66 (2.6)	
Belgium (Flemish)	65 (3.1)	
International Average	64 (0.6)	
Finland	63 (3.1)	
Germany	63 (2.7)	
Croatia	62 (3.8)	
Israel	61 (2.5)	
Spain	60 (2.7)	
New Zealand	58 (2.7)	
Slovenia	57 (3.1)	
Italy	55 (2.8)	
Qatar	54 (3.7)	
Kazakhstan	51 (2.4)	
United Arab Emirates	49 (3.3)	
Malta	49 (4.0)	
Saudi Arabia	37 (3.4)	
enchmarking Participants		
Moscow City, Russian Fed.	81 (2.2)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M17 (The Empty Pot): Jun's feelings (DERIVED) **Constructed Response (3 Points)**

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Russian Federation	58 (2.8) ▲	85 (2.4) 🔺	97 (1.1) 🔺
Singapore	55 (2.6) ▲	81 (1.9) 🔺	92 (1.5) 🔺
Croatia	52 (3.7) ▲	85 (3.0) 🔺	96 (1.6)
Czech Republic	50 (2.7) ▲	82 (2.8) 🔺	94 (1.1) 🔺
Finland	48 (2.9) ▲	82 (2.0) 🔺	94 (1.5) 🔺
New Zealand	41 (1.8) 🔺	68 (2.5)	85 (2.2)
Germany	40 (3.4)	70 (3.6)	89 (1.8) 🔺
Spain	40 (3.4)	62 (3.4)	83 (2.6)
Kazakhstan	38 (2.3)	63 (2.6)	85 (1.5)
Belgium (Flemish)	37 (2.8)	62 (2.8)	83 (1.9)
Lithuania	36 (3.6)	68 (2.2)	85 (2.2)
International Average	36 (0.6)	65 (0.6)	84 (0.5)
Hungary	36 (2.6)	66 (2.7)	87 (2.2)
Slovak Republic	36 (2.8)	64 (2.6)	86 (2.2)
Denmark	35 (3.2)	69 (3.1)	89 (2.1) 🔺
Portugal	35 (2.4)	67 (2.2)	89 (1.4) 🔺
Italy	34 (2.5)	70 (2.2) 🔺	92 (1.0) 🔺
Chinese Taipei	34 (2.6)	67 (2.0)	90 (1.6) 🔺
Norway (5)	32 (2.8)	66 (3.4)	90 (1.8) 🔺
Slovenia	30 (3.3)	59 (3.6)	76 (3.1) ▼
Malta	28 (3.0) ▼	47 (3.7) ▼	79 (3.9)
United Arab Emirates	25 (2.0) ▼	52 (2.7) ▼	70 (2.8) ▼
Israel	25 (2.2) ▼	58 (2.3) ▼	80 (1.9) ▼
Sweden	23 (2.4) ▼	50 (3.3) ▼	74 (2.6) ▼
Qatar	21 (2.6) ▼	47 (3.5) ▼	68 (2.9) ▼
Saudi Arabia	16 (2.5) ▼	32 (3.8) ▼	51 (4.6) ▼
enchmarking Participants			
Moscow City, Russian Fed.	69 (2.0) ▲	91 (1.4) 🔺	98 (0.7) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M17A (The Empty Pot): Jun's feelings (hopeful) **Constructed Response (1 Point)**

Country	Percent Full Credit
Russian Federation	82 (2.1)
Finland	81 (2.1)
Czech Republic	79 (3.0)
Singapore	77 (2.3)
Norway (5)	74 (2.4)
Portugal	71 (2.1)
Croatia	71 (3.1)
Slovak Republic	68 (3.1)
New Zealand	68 (2.5)
Italy	67 (2.4)
Denmark	66 (2.6)
Slovenia	65 (3.6)
Kazakhstan	64 (2.5)
Germany	64 (3.3)
International Average	63 (0.6)
Spain	62 (4.2)
Hungary	60 (3.6)
Israel	60 (2.6)
Lithuania	60 (2.8)
Chinese Taipei	59 (2.9)
Belgium (Flemish)	58 (2.8)
Sweden	53 (2.7)
Malta	51 (4.3)
United Arab Emirates	47 (2.6)
Qatar	43 (3.2)
Saudi Arabia	28 (3.4)
enchmarking Participants	
Moscow City, Russian Fed.	88 (1.3)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31M17B (The Empty Pot): Jun's feelings (puzzled) **Constructed Response (1 Point)**

Country	Percent Full Credit
Croatia	85 (3.2)
Russian Federation	80 (2.6)
Finland	78 (2.7) ▲
Denmark	76 (2.5)
Singapore	75 (2.1)
Germany	74 (3.4)
Czech Republic	73 (3.2)
Chinese Taipei	72 (1.9)
Spain	72 (3.0)
Norway (5)	72 (2.7)
Belgium (Flemish)	68 (3.2)
New Zealand	68 (2.1)
Kazakhstan	67 (2.7)
Hungary	64 (2.7)
International Average	63 (0.6)
Lithuania	61 (2.3)
Slovenia	59 (3.6)
Slovak Republic	57 (3.0) ▼
Italy	54 (2.4) ▼
Portugal	53 (2.8) ▼
United Arab Emirates	53 (3.0) ▼
Qatar	51 (2.8) ▼
Malta	49 (2.8) ▼
Sweden	43 (2.3) ▼
Israel	39 (2.7) ▼
Saudi Arabia	37 (4.4) ▼
enchmarking Participants	·
Moscow City, Russian Fed.	84 (1.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP31M17C (The Empty Pot): Jun's feelings (defeated) **Constructed Response (1 Point)**

Country	Percent Full Credit
Czech Republic	84 (2.7)
Russian Federation	82 (1.8)
Italy	81 (1.8)
Singapore	80 (1.9)
Croatia	79 (3.4)
Finland	75 (2.8)
Lithuania	73 (2.8)
Portugal	73 (2.2)
Germany	72 (2.8)
Hungary	71 (2.0)
Israel	70 (1.9)
Slovak Republic	69 (2.9)
Spain	66 (3.2)
International Average	66 (0.6)
New Zealand	65 (2.5)
Chinese Taipei	63 (2.7)
Sweden	62 (2.6)
Belgium (Flemish)	62 (3.3)
Malta	60 (3.2)
Denmark	60 (3.8)
Kazakhstan	57 (2.4)
United Arab Emirates	54 (2.8)
Qatar	50 (3.3)
Norway (5)	48 (3.4)
Slovenia	48 (3.4)
Saudi Arabia	40 (3.7)
enchmarking Participants	
Moscow City, Russian Fed.	87 (1.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41B01 (Pemba Sherpa): What is Pemba's dream **Constructed Response (1 Point)**

Country	Percent Full Credit
Russian Federation	99 (0.5)
Singapore	98 (0.7)
Sweden	97 (0.8) 🔺
Lithuania	97 (0.7)
Portugal	96 (1.0) 🔺
Norway (5)	96 (1.2) 🔺
Chinese Taipei	95 (1.1) 🔺
Denmark	95 (1.5)
Czech Republic	94 (1.1)
Kazakhstan	93 (0.9)
Finland	93 (1.1)
Belgium (Flemish)	93 (1.3)
Slovak Republic	93 (1.2)
Hungary	93 (1.4)
International Average	93 (0.3)
Slovenia	93 (1.4)
Croatia	92 (2.5)
Spain	92 (1.6)
Malta	92 (2.1)
New Zealand	91 (2.0)
Israel	90 (1.9)
Italy	90 (1.3) ▼
Qatar	88 (1.9) ▼
Germany	87 (2.4) ▼
United Arab Emirates	86 (2.6) ▼
Saudi Arabia	86 (2.3) ▼
enchmarking Participants	
Moscow City, Russian Fed.	99 (0.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41B02 (Pemba Sherpa): Why does Pemba have to get up early Multiple Choice (Key is D)

Country	Percent Full Credit	
Croatia	99 (0.9)	
Singapore	98 (0.7)	
Russian Federation	98 (0.7)	
Hungary	98 (1.2)	
Germany	98 (1.0)	
Czech Republic	97 (0.8)	
Lithuania	97 (1.1)	
Finland	97 (0.6)	
Belgium (Flemish)	97 (1.2)	
Denmark	97 (1.3)	
Chinese Taipei	96 (1.4)	
Portugal	96 (1.1)	
Italy	96 (1.0)	
Israel	95 (1.1)	
Slovenia	94 (1.4)	
Norway (5)	94 (1.2)	
International Average	94 (0.3)	
Sweden	94 (1.4)	
Slovak Republic	94 (1.5)	
Spain	94 (1.7)	
New Zealand	93 (1.8)	
Malta	92 (1.0) ▼	
Kazakhstan	90 (1.6) ▼	
Qatar	88 (2.2) ▼	
United Arab Emirates	85 (1.6) ▼	
Saudi Arabia	71 (2.9) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	100 (0.2)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41B03 (Pemba Sherpa): Why does Yang Ki want to carry wood Multiple Choice (Key is C)

Country	Percent Full Credit
Sweden	99 (0.5)
Finland	98 (0.6)
Belgium (Flemish)	98 (0.5)
Germany	98 (0.8)
Czech Republic	98 (0.9)
Lithuania	98 (0.9)
Denmark	97 (0.8)
Portugal	97 (1.0)
Slovenia	96 (1.3)
Slovak Republic	96 (1.7)
Norway (5)	96 (1.4)
Italy	96 (0.8)
Russian Federation	95 (1.2)
Hungary	95 (1.8)
International Average	94 (0.3)
Singapore	94 (1.3)
Israel	94 (1.1)
Croatia	94 (2.7)
Qatar	93 (1.2)
Spain	93 (1.6)
Malta	92 (2.7)
Kazakhstan	91 (1.3) ▼
New Zealand	91 (1.1) ▼
Chinese Taipei	90 (2.1) ▼
United Arab Emirates	86 (2.1) ▼
Saudi Arabia	86 (1.5) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	99 (0.7) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# PIRLS

#### PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

## RP41B04 (Pemba Sherpa): What does Yang Ki say that makes Pemba laugh Constructed Response (1 Point)

Country	Percent Full Credit	
Singapore	91 (1.5)	
Russian Federation	90 (1.7)	
Croatia	90 (2.2)	
Lithuania	87 (1.3) 🔺	
Denmark	87 (2.1)	
Czech Republic	87 (1.8)	
Chinese Taipei	85 (2.0)	
Sweden	84 (1.7)	
Kazakhstan	84 (1.9)	
Norway (5)	84 (2.1)	
Germany	83 (2.1)	
Portugal	82 (1.8)	
International Average	80 (0.4)	
New Zealand	79 (2.3)	
Spain	79 (1.9)	
Slovak Republic	78 (1.6)	
Israel	77 (2.3)	
Belgium (Flemish)	76 (1.8)	
Qatar	76 (2.8)	
Slovenia	76 (2.1)	
Italy	73 (2.2) ▼	
Finland	72 (3.1) ▼	
Malta	71 (2.9) <b>▼</b>	
United Arab Emirates	68 (2.8) ▼	
Hungary	68 (2.1) ▼	
Saudi Arabia	65 (2.8) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	95 (1.0)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



## RP41B05 (Pemba Sherpa): How does Pemba know Yang Ki is following him Multiple Choice (Key is C)

Country	Percent Full Credit	
Russian Federation	98 (0.6)	
Czech Republic	95 (1.1)	
Italy	94 (1.2)	
Singapore	93 (1.1)	
Sweden	92 (1.6)	
Lithuania	92 (1.4)	
Finland	92 (1.1)	
Germany	91 (1.8)	
Portugal	91 (1.6)	
Kazakhstan	91 (1.2)	
Denmark	90 (1.8)	
Croatia	90 (2.9)	
Norway (5)	88 (1.5)	
Slovenia	88 (2.4)	
International Average	88 (0.4)	
Spain	87 (1.8)	
Slovak Republic	87 (2.1)	
Belgium (Flemish)	86 (2.2)	
Hungary	86 (2.9)	
New Zealand	85 (1.9)	
Qatar	85 (2.4)	
Chinese Taipei	85 (2.2)	
Israel	82 (1.9)	
Malta	79 (2.1) ▼	
United Arab Emirates	77 (2.7) <b>▼</b>	
Saudi Arabia	72 (2.6) <b>T</b>	
enchmarking Participants		
Moscow City, Russian Fed.	99 (0.4)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41B06 (Pemba Sherpa): What makes Pemba fall Multiple Choice (Key is A)

Country	Percent Full Credit	
Hungary	95 (1.2) ▲	
Belgium (Flemish)	94 (1.4) 🔺	
Norway (5)	93 (1.4) 🔺	
Czech Republic	92 (1.5) 🔺	
Russian Federation	92 (1.5) 🔺	
Germany	92 (1.5) 🔺	
Denmark	92 (1.9) 🔺	
Finland	90 (1.7) 🔺	
Portugal	90 (1.5) 🔺	
Chinese Taipei	90 (1.4) 🔺	
Slovenia	89 (2.0)	
Italy	88 (1.5) 🔺	
Singapore	88 (1.6)	
Sweden	88 (2.0)	
International Average	84 (0.4)	
Slovak Republic	84 (2.2)	
Israel	84 (1.8)	
Lithuania	84 (2.4)	
Malta	80 (3.1)	
Spain	80 (2.4)	
Qatar	76 (2.3) ▼	
New Zealand	75 (2.6) ▼	
Kazakhstan	73 (1.9) ▼	
United Arab Emirates	71 (2.5) ▼	
Croatia	67 (3.0) ▼	
Saudi Arabia	53 (3.4) ▼	
Senchmarking Participants		
Moscow City, Russian Fed.	91 (1.3) 🔺	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

## ©IEA PIRLS

#### PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

## RP41B07 (Pemba Sherpa): What stops Pemba from falling off the edge Constructed Response (1 Point)

Country	Percent Full Credit	
Russian Federation	96 (0.9)	
Hungary	93 (1.7)	
Singapore	93 (1.1)	
Croatia	89 (2.3)	
Czech Republic	88 (1.9)	
Finland	88 (1.9)	
Kazakhstan	85 (2.1)	
New Zealand	85 (2.0)	
Lithuania	85 (1.7)	
Slovenia	84 (2.4)	
Sweden	84 (1.8)	
Slovak Republic	83 (2.1)	
Spain	81 (2.3)	
Chinese Taipei	81 (1.9)	
International Average	80 (0.5)	
Portugal	80 (2.3)	
Germany	79 (2.5)	
Norway (5)	79 (2.1)	
Malta	76 (2.8)	
Denmark	75 (3.2)	
Italy	75 (2.2) ▼	
Israel	67 (3.2) ▼	
Qatar	67 (3.5) ▼	
United Arab Emirates	66 (2.6) ▼	
Saudi Arabia	60 (3.5) ▼	
Belgium (Flemish)	56 (2.9) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	97 (0.8)	

 $<sup>\</sup>blacktriangle\,$  Percent significantly higher than international average

lacktriangledown Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# PIRLS

### PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

## RP41B08 (Pemba Sherpa): Why does Yang Ki get a long bamboo pole Constructed Response (1 Point)

Country	Percent Full Credit	
Croatia	98 (1.0)	
Russian Federation	95 (1.2)	
Germany	93 (1.8)	
Czech Republic	93 (1.3)	
Norway (5)	92 (1.7)	
Denmark	92 (1.3)	
Sweden	91 (1.8)	
Italy	89 (1.6)	
Hungary	89 (2.6)	
Finland	88 (1.8)	
Lithuania	88 (2.4)	
Portugal	87 (1.5)	
Chinese Taipei	87 (1.7)	
New Zealand	86 (1.7)	
Slovak Republic	86 (2.0)	
Slovenia	84 (2.7)	
Singapore	84 (1.6)	
International Average	84 (0.4)	
Spain	83 (1.6)	
Malta	81 (3.0)	
Belgium (Flemish)	80 (2.0)	
Kazakhstan	76 (2.3) ▼	
Israel	76 (2.1) ▼	
Qatar	65 (2.4) ▼	
United Arab Emirates	65 (2.7) ▼	
Saudi Arabia	57 (3.2) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	98 (0.8)	

 $<sup>\</sup>blacktriangle\,$  Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41B09 (Pemba Sherpa): What does Pemba do before he starts **Constructed Response (1 Point)**

PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

Country	Percent Full Credit	
Russian Federation	95 (1.0) 🔺	
Singapore	90 (1.4)	
Czech Republic	90 (1.3) 🔺	
Lithuania	87 (1.5)	
Denmark	87 (2.3)	
Sweden	86 (1.8) 🔺	
Norway (5)	86 (2.1)	
Germany	85 (2.3)	
Slovak Republic	83 (2.7)	
Portugal	83 (1.8)	
Italy	82 (1.9)	
Chinese Taipei	82 (1.6)	
Israel	82 (2.2)	
International Average	81 (0.5)	
Malta	80 (2.6)	
New Zealand	80 (2.1)	
Slovenia	79 (2.6)	
Spain	79 (2.6)	
Belgium (Flemish)	79 (2.4)	
Finland	78 (2.4)	
Hungary	75 (2.5) ▼	
Qatar	73 (3.0) ▼	
United Arab Emirates	71 (2.6) ▼	
Kazakhstan	71 (2.9) ▼	
Saudi Arabia	48 (2.9) ▼	
Croatia		
enchmarking Participants		
Moscow City, Russian Fed.	98 (0.8)	

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

A dash (-) indicates comparable data not available.

<sup>()</sup> Standard errors appear in parentheses. Because of

rounding some results may appear inconsistent.



#### RP41B10 (Pemba Sherpa): Why does it say Yang Ki's arms are like steel Multiple Choice (Key is B)

Country	Percent Full Credit	
Czech Republic	84 (2.4)	
Slovenia	81 (2.7)	
Hungary	80 (2.4)	
Singapore	80 (2.1)	
Germany	78 (2.5)	
Italy	78 (2.6)	
Slovak Republic	77 (2.9)	
Israel	77 (2.5)	
Portugal	77 (2.6)	
Russian Federation	76 (3.3)	
Finland	76 (2.4)	
Spain	75 (2.3)	
Chinese Taipei	71 (2.5)	
International Average	70 (0.6)	
Lithuania	70 (2.6)	
Croatia	70 (3.7)	
Denmark	67 (2.8)	
Norway (5)	67 (3.2)	
Sweden	66 (2.9)	
Saudi Arabia	64 (3.2)	
Belgium (Flemish)	61 (2.1)	
Qatar	59 (4.2) ▼	
United Arab Emirates	59 (2.6) ▼	
New Zealand	58 (2.9) ▼	
Malta	58 (2.6) ▼	
Kazakhstan	49 (3.2) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	82 (2.1)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41B11 (Pemba Sherpa): Why does Pemba slump to the ground Multiple Choice (Key is C)

Country	Percent Full Credit	
Portugal	95 (1.1) 🔺	
Russian Federation	95 (1.1)	
Italy	95 (1.0)	
Chinese Taipei	95 (1.3)	
Croatia	94 (1.8)	
Spain	93 (1.5)	
Czech Republic	93 (1.3)	
Singapore	92 (1.4)	
Hungary	91 (1.7)	
Lithuania	89 (1.7)	
Finland	89 (1.5)	
Germany	88 (1.6)	
Sweden	88 (1.9)	
Kazakhstan	87 (1.5)	
Slovenia	87 (2.5)	
International Average	86 (0.4)	
New Zealand	86 (2.1)	
Slovak Republic	86 (1.6)	
Denmark	84 (2.4)	
Norway (5)	84 (1.5)	
Malta	82 (2.1) ▼	
Israel	82 (2.2) ▼	
Belgium (Flemish)	75 (2.6) ▼	
Qatar	73 (3.5) ▼	
United Arab Emirates	71 (2.3) ▼	
Saudi Arabia	61 (4.6) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	98 (0.7)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41B12 (Pemba Sherpa): Why does Yang Ki leave Pemba Multiple Choice (Key is A)

Country	Percent Full Credit	
Germany	99 (0.6)	
Chinese Taipei	98 (1.0)	
Finland	97 (0.7)	
Singapore	97 (0.8)	
Norway (5)	97 (1.0)	
Portugal	96 (1.0)	
Sweden	96 (1.0)	
Lithuania	95 (1.3)	
Italy	94 (1.1)	
Denmark	94 (1.2)	
New Zealand	94 (1.2)	
Hungary	94 (1.8)	
Czech Republic	93 (1.0)	
International Average	93 (0.3)	
Malta	92 (3.2)	
Spain	92 (2.0)	
Israel	92 (1.5)	
Slovak Republic	92 (1.7)	
Kazakhstan	91 (1.4)	
Russian Federation	90 (1.3)	
Belgium (Flemish)	90 (1.5)	
Qatar	88 (1.8)	
Slovenia	88 (2.5) ▼	
United Arab Emirates	85 (2.1) ▼	
Saudi Arabia	82 (2.5) ▼	
Croatia		
enchmarking Participants		
Moscow City, Russian Fed.	94 (1.2)	

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available.

#### RP41B13 (Pemba Sherpa): Finish the two sentences **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	73 (3.5) ▲	97 (1.4) 🔺
Hungary	71 (3.0) 🔺	96 (1.4) 🔺
Singapore	66 (2.8) ▲	94 (1.5) 🔺
Slovak Republic	64 (2.4) ▲	91 (1.2)
Slovenia	62 (2.9) ▲	93 (1.8)
Denmark	62 (3.1)	95 (1.3) 🔺
Norway (5)	61 (3.3)	94 (1.2) 🔺
Portugal	60 (2.2)	93 (1.1) 🔺
New Zealand	60 (3.0)	91 (1.1)
Russian Federation	59 (3.1)	97 (1.1) 🔺
Finland	59 (2.4)	95 (1.2) 🔺
Israel	59 (2.5)	92 (1.3)
Italy	57 (2.6)	94 (1.2) 🔺
International Average	57 (0.6)	91 (0.4)
Czech Republic	56 (2.5)	94 (1.0) 🔺
Germany	56 (2.7)	94 (1.5) 🔺
Qatar	55 (3.2)	84 (2.9) ▼
Spain	55 (2.9)	89 (1.3)
Belgium (Flemish)	54 (2.8)	94 (1.3) 🔺
Sweden	54 (2.6)	90 (1.8)
Chinese Taipei	53 (2.5)	94 (1.1) 🔺
Malta	52 (3.7)	85 (3.3)
Kazakhstan	49 (2.9) ▼	86 (1.6) ▼
United Arab Emirates	46 (2.5) ▼	82 (2.4) ▼
Lithuania	40 (3.2) ▼	87 (2.3)
Saudi Arabia	30 (4.0) ▼	66 (3.8) ▼
enchmarking Participants		
Moscow City, Russian Fed.	65 (2.1) ▲	97 (0.9) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RP41B14 (Pemba Sherpa): What does Yang Ki do when Pemba is angry Multiple Choice (Key is C)

Country	Percent Full Credit
Norway (5)	92 (1.7)
Denmark	92 (1.7)
Sweden	92 (1.9)
Russian Federation	90 (1.7)
Singapore	87 (1.7)
Lithuania	86 (2.5)
Finland	85 (2.0)
Hungary	85 (1.8)
Portugal	84 (2.0)
Slovenia	82 (2.2)
Italy	82 (1.9)
Chinese Taipei	81 (2.7)
Slovak Republic	81 (2.1)
New Zealand	80 (2.0)
International Average	79 (0.5)
Malta	79 (2.4)
Germany	79 (2.9)
Czech Republic	78 (2.9)
Croatia	77 (3.2)
Belgium (Flemish)	74 (2.3) <b>▼</b>
United Arab Emirates	73 (2.8) ▼
Qatar	71 (3.1) 🔻
Israel	70 (2.9)
Spain	62 (3.7) <b>v</b>
Kazakhstan	57 (2.8) ▼
Saudi Arabia	57 (3.7) ▼
enchmarking Participants	
Moscow City, Russian Fed.	93 (1.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RP41B15 (Pemba Sherpa): Why does Yang Ki say this to her big brother **Constructed Response (1 Point)** 

Country	Percent Full Credit
Sweden	62 (3.5)
Israel	60 (2.4)
Germany	60 (3.4)
Denmark	59 (3.3)
Croatia	58 (2.9)
Portugal	56 (2.7)
Slovak Republic	56 (4.0)
Singapore	55 (2.6)
Belgium (Flemish)	54 (2.7)
Malta	53 (3.7)
Slovenia	52 (3.5)
Finland	50 (2.0)
Hungary	49 (2.9)
International Average	49 (0.6)
New Zealand	48 (3.2)
Norway (5)	48 (3.5)
Qatar	47 (5.4)
Lithuania	46 (2.1)
Spain	46 (3.0)
Czech Republic	43 (3.3)
United Arab Emirates	40 (2.5)
Russian Federation	38 (3.0)
Kazakhstan	38 (2.4)
Chinese Taipei	37 (2.1)
Italy	31 (2.0)
Saudi Arabia	30 (3.5)
enchmarking Participants	
Moscow City, Russian Fed.	62 (2.3)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP41B16 (Pemba Sherpa): How did Yang Ki change Pemba's thinking **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Lithuania	67 (2.6)	84 (2.3) 🔺
Slovak Republic	62 (3.0) 🔺	88 (2.7)
Russian Federation	58 (2.5) ▲	82 (2.1) 🔺
Hungary	58 (2.9) ▲	78 (2.2)
Croatia	56 (4.2) ▲	83 (3.3) 🔺
Czech Republic	54 (3.9) ▲	82 (2.3) 🔺
Chinese Taipei	52 (3.3) ▲	81 (1.9) 🔺
Singapore	50 (2.3) ▲	78 (2.1)
Israel	48 (3.7)	81 (2.6) 🔺
Denmark	44 (3.3)	80 (2.6)
International Average	44 (0.6)	75 (0.6)
Sweden	44 (2.9)	69 (2.6) ▼
Germany	43 (3.7)	77 (2.3)
Slovenia	39 (2.5)	72 (2.8)
New Zealand	39 (3.0)	71 (2.7)
Italy	39 (2.6) ▼	71 (2.2)
Spain	37 (2.9) ▼	78 (2.9)
Kazakhstan	37 (3.3) ▼	69 (3.5)
Portugal	36 (3.4) ▼	71 (2.2)
Qatar	36 (4.9)	68 (3.3) ▼
Belgium (Flemish)	36 (2.6) ▼	73 (1.9)
Saudi Arabia	35 (4.1) ▼	63 (4.1) ▼
United Arab Emirates	34 (3.1) ▼	64 (2.6) ▼
Malta	34 (2.8) ▼	68 (4.2)
Finland	33 (2.3) ▼	68 (2.0) ▼
Norway (5)	29 (2.9) ▼	66 (3.6) ▼
enchmarking Participants		
Moscow City, Russian Fed.	64 (2.1) ▲	89 (1.8) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP41B17 (Pemba Sherpa): Describe what Yang Ki is like **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	66 (3.2) ▲	96 (1.3) ▲
Russian Federation	62 (2.4) 🔺	94 (1.1) 🔺
Singapore	61 (2.3) ▲	91 (1.1) 🔺
Israel	51 (3.1) ▲	90 (2.1)
Finland	50 (3.5) ▲	93 (1.5) 🔺
Chinese Taipei	50 (3.5) ▲	93 (1.7) 🔺
Germany	44 (3.3)	92 (1.7) 🔺
Italy	44 (2.9)	89 (1.6)
Spain	43 (4.1)	88 (1.9)
Czech Republic	43 (3.6)	94 (1.6)
Lithuania	42 (2.7)	89 (1.9)
Qatar	42 (4.5)	84 (2.2)
International Average	41 (0.6)	88 (0.4)
Sweden	41 (2.8)	95 (1.3) 🔺
Hungary	40 (4.3)	85 (2.5)
Portugal	39 (2.6)	84 (2.1)
Kazakhstan	39 (2.3)	85 (1.9)
Denmark	39 (3.0)	88 (1.9)
Slovak Republic	34 (2.7) ▼	91 (2.0)
Malta	34 (2.8) ▼	89 (2.0)
New Zealand	32 (2.5) ▼	86 (2.0)
United Arab Emirates	31 (3.9) ▼	76 (2.8) ▼
Norway (5)	30 (3.5) ▼	91 (1.8)
Slovenia	29 (2.9) ▼	92 (1.2) 🔺
Saudi Arabia	24 (3.9) ▼	55 (4.1) ▼
Belgium (Flemish)	22 (2.4) ▼	83 (2.1) ▼
enchmarking Participants		
Moscow City, Russian Fed.	84 (2.1)	97 (0.7)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31W01 (Where's the Honey?): What the Boran and honeyguide eat **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	81 (2.2) 🔺	91 (1.1) 🔺
Croatia	78 (2.7) ▲	94 (2.4)
Russian Federation	71 (2.7) 🔺	89 (1.7)
Chinese Taipei	70 (2.3) ▲	90 (2.6)
Czech Republic	69 (3.0) ▲	93 (1.6)
Lithuania	66 (3.2) ▲	80 (2.4)
Portugal	66 (2.0) ▲	90 (1.6)
Slovenia	64 (3.8)	91 (1.8) 🔺
Slovak Republic	63 (2.4) ▲	86 (2.2)
Germany	59 (3.0)	87 (2.0)
Sweden	58 (2.9)	86 (1.6)
New Zealand	58 (3.2)	86 (1.7)
Finland	57 (3.0)	88 (2.0) 🔺
International Average	57 (0.6)	84 (0.4)
Denmark	54 (3.5)	85 (1.8)
Norway (5)	54 (3.0)	89 (1.7) 🔺
Hungary	54 (2.8)	73 (2.8) ▼
Malta	53 (4.5)	83 (3.3)
Italy	52 (2.4) ▼	87 (1.6)
Spain	52 (2.8) ▼	80 (2.8)
Israel	51 (2.3) ▼	83 (2.0)
Belgium (Flemish)	45 (2.8) ▼	81 (2.3)
Qatar	43 (2.4) ▼	73 (2.6) ▼
Kazakhstan	41 (2.7) ▼	77 (1.9) ▼
United Arab Emirates	39 (2.7) ▼	68 (2.6) ▼
Saudi Arabia	32 (3.1) ▼	66 (3.2) ▼
enchmarking Participants		
Moscow City, Russian Fed.	86 (1.4) 🔺	95 (1.1) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31W02 (Where's the Honey?): How the Boran and honeyguide help **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	62 (2.9) 🔺	84 (1.9) 🔺
Finland	57 (3.3) ▲	83 (2.3) 🔺
Croatia	54 (3.6) ▲	72 (3.0) ▲
Russian Federation	54 (3.0) ▲	70 (2.3) 🔺
Czech Republic	50 (3.2) ▲	78 (2.3) ▲
Hungary	49 (3.7) ▲	64 (3.5)
Norway (5)	47 (2.7) ▲	70 (2.1) 🔺
Germany	46 (3.2) ▲	66 (3.0)
Sweden	44 (3.0)	71 (2.8) 🔺
Denmark	44 (3.2)	70 (2.8) 🔺
New Zealand	44 (3.3)	69 (2.7)
Israel	41 (2.4)	60 (2.4)
Chinese Taipei	40 (2.2)	74 (2.9) ▲
International Average	40 (0.6)	64 (0.6)
Lithuania	39 (2.2)	65 (3.6)
Italy	38 (2.6)	64 (2.1)
Belgium (Flemish)	35 (2.7)	59 (3.1)
Slovak Republic	33 (2.8) ▼	62 (3.4)
Slovenia	32 (3.4) ▼	61 (3.3)
Spain	31 (3.8) ▼	56 (4.0) ▼
Portugal	31 (2.5) ▼	53 (2.6) ▼
Malta	31 (3.3) ▼	57 (3.8) ▼
Qatar	28 (2.8) ▼	57 (3.2) ▼
Kazakhstan	26 (2.0) ▼	56 (2.1) ▼
United Arab Emirates	24 (2.6) ▼	49 (2.8) ▼
Saudi Arabia	14 (2.2) ▼	34 (2.8) ▼
enchmarking Participants		
Moscow City, Russian Fed.	65 (2.5) ▲	83 (2.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31W03 (Where's the Honey?): Why the Boran move Multiple Choice (Key is C)

Country	Percent Full Credit	
Chinese Taipei	82 (2.1)	
Russian Federation	79 (2.1)	
Czech Republic	75 (1.9)	
Denmark	74 (2.6)	
Singapore	73 (1.9)	
Portugal	71 (2.5)	
Germany	70 (2.7)	
Croatia	70 (3.0)	
New Zealand	70 (2.3)	
Slovak Republic	67 (2.6)	
Hungary	66 (2.5)	
Belgium (Flemish)	65 (2.4)	
Kazakhstan	64 (2.7)	
Italy	64 (2.2)	
Finland	64 (2.4)	
International Average	63 (0.5)	
Slovenia	59 (3.3)	
United Arab Emirates	59 (2.5)	
Israel	58 (2.8)	
Sweden	58 (2.7)	
Lithuania	55 (3.6)	
Spain	54 (3.3)	
Qatar	53 (3.9)	
Norway (5)	53 (2.6)	
Malta	51 (4.0)	
Saudi Arabia	31 (2.7)	
enchmarking Participants		
Moscow City, Russian Fed.	85 (1.9)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31W04 (Where's the Honey?): What Borans' houses are made of **Constructed Response (1 Point)**

Country	Percent Full Credit
Chinese Taipei	94 (1.5)
Russian Federation	89 (1.7)
Singapore	86 (1.9)
Croatia	81 (3.2)
New Zealand	80 (1.5)
Norway (5)	79 (2.0)
Sweden	79 (2.2)
Kazakhstan	78 (1.9)
Portugal	77 (2.3)
Lithuania	76 (3.0)
Denmark	74 (2.7)
International Average	74 (0.5)
Malta	74 (3.6)
Finland	74 (3.7)
Hungary	74 (2.4)
Israel	73 (2.1)
Germany	73 (3.4)
Czech Republic	72 (2.6)
Italy	70 (2.1)
Belgium (Flemish)	69 (2.4)
Spain	68 (2.8) <b>T</b>
Slovenia	68 (2.0) <b>T</b>
Qatar	67 (3.3)
United Arab Emirates	67 (2.8)
Slovak Republic	66 (2.9)
Saudi Arabia	51 (3.6)
enchmarking Participants	
Moscow City, Russian Fed.	89 (1.2)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31W05 (Where's the Honey?): What you learn from Meet the Boran Multiple Choice (Key is C)

Country	Percent Full Credit
Russian Federation	71 (2.2)
Chinese Taipei	70 (3.3)
Czech Republic	69 (1.9)
Hungary	65 (2.6)
Slovak Republic	64 (2.7)
Finland	62 (3.4)
Lithuania	62 (3.7)
Italy	61 (1.7)
Singapore	61 (2.5)
Portugal	60 (2.6)
Germany	60 (3.0)
Slovenia	59 (3.7)
Belgium (Flemish)	57 (2.3)
International Average	56 (0.6)
Denmark	56 (2.9)
Kazakhstan	55 (2.5)
Croatia	53 (4.2)
Sweden	53 (2.7)
Spain	51 (2.9)
Israel	49 (2.2) ▼
New Zealand	48 (2.6)
United Arab Emirates	47 (3.4)
Malta	45 (3.6) <b>T</b>
Norway (5)	44 (3.2)
Qatar	42 (3.3)
Saudi Arabia	39 (2.6)
enchmarking Participants	
Moscow City, Russian Fed.	75 (1.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP31W06 (Where's the Honey?): How the Boran call honeyguide Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	91 (1.7)
Norway (5)	89 (1.6)
Belgium (Flemish)	89 (2.0)
Russian Federation	88 (1.4)
Singapore	88 (1.6)
Sweden	87 (1.5)
Italy	87 (1.8)
Denmark	86 (1.9)
Lithuania	86 (2.5)
Finland	84 (1.7)
Croatia	84 (2.9)
Slovenia	83 (2.4)
Portugal	83 (2.1)
Hungary	81 (2.3)
Germany	80 (2.7)
International Average	80 (0.5)
Czech Republic	79 (2.4)
New Zealand	79 (2.3)
Israel	78 (2.2)
Spain	77 (2.3)
Kazakhstan	76 (2.0)
Malta	76 (3.2)
United Arab Emirates	70 (2.3) <b>▼</b>
Qatar	65 (3.0) ▼
Slovak Republic	63 (2.2) ▼
Saudi Arabia	45 (3.7) ▼
enchmarking Participants	
Moscow City, Russian Fed.	95 (1.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



## RP31W07 (Where's the Honey?): Message honeyguide sends (DERIVED) Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	55 (2.5) ▲	76 (2.2) ▲	86 (2.0) 🔺
Russian Federation	49 (3.0) ▲	71 (3.5) 🔺	84 (2.3) 🔺
Chinese Taipei	46 (2.8) ▲	72 (3.7) ▲	85 (2.6) ▲
Portugal	31 (2.5) 🔺	53 (2.7) ▲	70 (2.4)
Lithuania	31 (2.9) 🔺	49 (3.3)	70 (2.2) 🔺
Hungary	30 (3.0)	47 (3.6)	59 (3.9)
Finland	29 (2.0)	46 (3.0)	62 (3.8)
Croatia	28 (5.0)	52 (4.9)	68 (4.1)
Norway (5)	26 (2.4)	45 (2.6)	64 (2.5)
Denmark	25 (2.7)	44 (3.9)	65 (3.9)
International Average	25 (0.5)	44 (0.7)	62 (0.7)
Qatar	23 (2.9)	44 (4.0)	59 (4.3)
United Arab Emirates	23 (2.5)	41 (3.2)	55 (3.6)
Czech Republic	22 (2.3)	43 (3.0)	59 (2.8)
Italy	22 (1.8)	47 (2.3)	68 (2.7) ▲
Belgium (Flemish)	21 (2.5)	34 (2.9) ▼	52 (3.1) ▼
Israel	20 (2.4)	42 (3.1)	62 (3.3)
Kazakhstan	20 (2.8)	35 (3.1) ▼	55 (3.0) ▼
Malta	18 (2.8) ▼	38 (3.2) ▼	52 (3.8) ▼
New Zealand	17 (2.0) ▼	36 (3.5) ▼	50 (3.3) ▼
Sweden	16 (2.5) ▼	36 (2.4) ▼	56 (2.7) ▼
Germany	16 (3.4) ▼	38 (3.7)	66 (3.1)
Slovak Republic	15 (2.2) ▼	35 (4.2) ▼	55 (4.2)
Slovenia	15 (2.3) ▼	31 (3.8) ▼	57 (2.8)
Spain	14 (2.6) ▼	35 (2.6) ▼	52 (3.6) ▼
Saudi Arabia	9 (1.6) ▼	22 (3.4) ▼	34 (4.5) ▼
enchmarking Participants			
Moscow City, Russian Fed.	58 (2.4) ▲	81 (2.2) 🔺	92 (1.3) 🔺

<sup>▲</sup> Percent significantly higher than international average

lacktriangledown Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

SOURCE: IEA's Progress in International Reading Literacy Study - PIRLS 2021

#### RP31W07A (Where's the Honey?): Message honeyguide sends (flies) **Constructed Response (1 Point)**

Country	Percent Full Credit
Russian Federation	72 (2.4)
Singapore	68 (2.6)
Chinese Taipei	63 (3.3)
Portugal	57 (2.5)
Lithuania	56 (2.6)
Italy	56 (3.0)
Norway (5)	55 (2.8)
Croatia	53 (4.8)
Finland	52 (3.0)
Denmark	51 (3.8)
Kazakhstan	50 (3.3)
Germany	49 (4.4)
International Average	48 (0.7)
Slovenia	46 (3.2)
Czech Republic	46 (3.0)
Belgium (Flemish)	45 (3.1)
Qatar	44 (3.7)
Hungary	44 (2.9)
United Arab Emirates	44 (3.8)
Sweden	42 (2.2) <b>▼</b>
Israel	42 (3.3)
Spain	41 (3.5)
New Zealand	39 (3.4)
Malta	37 (2.7)
Slovak Republic	34 (3.8)
Saudi Arabia	25 (3.7)
enchmarking Participants	
Moscow City, Russian Fed.	81 (2.3)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP31W07B (Where's the Honey?): Message honeyguide sends (close) Constructed Response (1 Point)

Country	Percent Full Credit	
Singapore	75 (2.4)	
Chinese Taipei	72 (3.7)	
Russian Federation	71 (3.3)	
Portugal	54 (2.7)	
Croatia	53 (5.0)	
Italy	51 (2.5)	
Lithuania	48 (3.2)	
Qatar	46 (3.7)	
Hungary	46 (3.8)	
International Average	45 (0.7)	
Denmark	45 (3.8)	
Germany	45 (3.5)	
Czech Republic	44 (2.8)	
Israel	44 (3.6)	
Slovak Republic	43 (3.8)	
Finland	42 (3.0)	
Norway (5)	41 (3.4)	
United Arab Emirates	40 (2.7)	
Sweden	39 (3.3)	
Malta	39 (4.0)	
Spain	37 (3.0)	
Kazakhstan	37 (2.9)	
Slovenia	36 (3.6) <b>T</b>	
Belgium (Flemish)	33 (3.0)	
New Zealand	30 (3.1)	
Saudi Arabia	25 (3.8)	
enchmarking Participants		
Moscow City, Russian Fed.	80 (2.0)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP31W07C (Where's the Honey?): Message honeyguide sends (arrive) **Constructed Response (1 Point)**

Country	Percent Full Credit	
Singapore	76 (2.0)	
Chinese Taipei	73 (2.7)	
Russian Federation	66 (2.6)	
Lithuania	54 (3.3)	
Hungary	53 (4.2)	
Finland	53 (3.3)	
Croatia	50 (4.8)	
Denmark	50 (4.2)	
Portugal	50 (2.7)	
Israel	47 (2.6)	
Norway (5)	46 (2.4)	
Czech Republic	45 (3.1)	
International Average	45 (0.7)	
Qatar	43 (4.2)	
United Arab Emirates	40 (3.6)	
New Zealand	38 (3.1)	
Slovak Republic	37 (4.1)	
Malta	37 (3.6)	
Italy	37 (2.3)	
Sweden	37 (3.6)	
Germany	35 (3.6)	
Belgium (Flemish)	34 (3.2)	
Spain	32 (3.7)	
Slovenia	31 (3.2)	
Kazakhstan	29 (3.2)	
Saudi Arabia	21 (3.0)	
enchmarking Participants		
Moscow City, Russian Fed.	73 (2.0)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP31W08 (Where's the Honey?): Why the Boran light a fire Multiple Choice (Key is B)

Country	Percent Full Credit	
Croatia	87 (1.9)	
Russian Federation	85 (1.8)	
Chinese Taipei	84 (1.7)	
Singapore	84 (2.1)	
Lithuania	84 (2.8)	
Czech Republic	83 (1.8)	
Hungary	80 (2.3)	
Finland	79 (1.9)	
Italy	78 (2.1)	
Slovenia	78 (3.0)	
Portugal	77 (1.9)	
Germany	76 (3.0)	
Slovak Republic	76 (2.3)	
Denmark	75 (2.6)	
International Average	73 (0.5)	
Norway (5)	72 (2.8)	
Belgium (Flemish)	69 (2.4)	
Israel	67 (2.2)	
Sweden	67 (2.9)	
New Zealand	66 (2.9)	
Kazakhstan	65 (2.4)	
United Arab Emirates	61 (3.0)	
Malta	60 (2.9)	
Spain	60 (3.1)	
Qatar	56 (2.9)	
Saudi Arabia	54 (3.4)	
enchmarking Participants		
Moscow City, Russian Fed.	92 (1.4)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.





# RP31W09 (Where's the Honey?): Main message of the Boran legend Multiple Choice (Key is A)

Country	Percent Full Credit	
Sweden	73 (2.6) 🔺	
Russian Federation	67 (1.8) 🔺	
Germany	65 (3.4)	
Finland	65 (3.3) 🔺	
Slovenia	62 (2.2) 🔺	
Italy	61 (2.6)	
Denmark	60 (2.8)	
Singapore	58 (2.4) ▲	
Portugal	58 (2.2) ▲	
Norway (5)	56 (2.9)	
Slovak Republic	53 (2.7)	
Croatia	53 (5.8)	
Lithuania	52 (3.2)	
International Average	51 (0.6)	
Czech Republic	50 (3.8)	
Belgium (Flemish)	49 (3.2)	
Hungary	49 (2.9)	
Spain	48 (3.6)	
New Zealand	46 (2.7)	
Malta	45 (5.4)	
Chinese Taipei	43 (2.3) ▼	
United Arab Emirates	40 (2.7) ▼	
Qatar	38 (3.1) ▼	
Kazakhstan	30 (1.8) ▼	
Israel	28 (3.2) ▼	
Saudi Arabia	27 (1.9) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	76 (2.4) <b>▲</b>	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP31W10 (Where's the Honey?): Why honeyguide visits in morning Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	75 (2.1) ▲
Lithuania	73 (1.8) ▲
Denmark	72 (2.4) ▲
Czech Republic	71 (2.6) 🔺
Croatia	69 (4.0) ▲
Singapore	68 (2.4) ▲
Chinese Taipei	68 (3.1) ▲
Hungary	66 (3.1) ▲
Slovenia	64 (3.3) ▲
Sweden	63 (2.6) ▲
New Zealand	59 (2.6)
Finland	58 (3.0)
Germany	56 (2.3)
Portugal	55 (2.2)
International Average	55 (0.5)
Norway (5)	54 (3.0)
Italy	52 (1.9)
Spain	46 (3.2) ▼
Slovak Republic	45 (2.8) ▼
United Arab Emirates	45 (3.2) ▼
Israel	44 (2.1) ▼
Kazakhstan	42 (2.0) ▼
Belgium (Flemish)	39 (2.8) ▼
Malta	38 (3.0) ▼
Qatar	34 (2.9) ▼
Saudi Arabia	18 (1.7) ▼
enchmarking Participants	
Moscow City, Russian Fed.	81 (2.1)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RP31W11 (Where's the Honey?): What shows evidence of partnership **Constructed Response (1 Point)** 

Country	Percent Full Credit	
Italy	60 (2.6)	
Chinese Taipei	59 (3.8)	
Denmark	58 (2.8)	
Hungary	57 (2.8)	
Russian Federation	56 (2.5)	
Singapore	56 (2.5)	
Germany	52 (3.2)	
Sweden	50 (2.9)	
Finland	48 (3.0)	
Portugal	47 (2.7)	
International Average	42 (0.6)	
Malta	42 (3.9)	
Norway (5)	41 (2.1)	
Slovenia	41 (4.4)	
New Zealand	38 (3.0)	
Lithuania	37 (2.8)	
Czech Republic	37 (2.9)	
United Arab Emirates	36 (3.1)	
Belgium (Flemish)	35 (3.1) ▼	
Israel	33 (2.0) ▼	
Spain	33 (3.3)	
Slovak Republic	32 (3.5) ▼	
Croatia	32 (3.3)	
Qatar	31 (3.2)	
Kazakhstan	29 (3.2)	
Saudi Arabia	20 (2.5)	
enchmarking Participants		
Moscow City, Russian Fed.	73 (2.3)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP31W12 (Where's the Honey?): Why partnership is in danger Multiple Choice (Key is A)

Country	Percent Full Credit	
Singapore	69 (2.2)	
Russian Federation	64 (2.6)	
Chinese Taipei	62 (4.1)	
Norway (5)	61 (2.3)	
Lithuania	58 (3.9)	
Denmark	58 (3.1)	
Finland	56 (2.7)	
Sweden	54 (3.8)	
Germany	53 (2.8)	
Croatia	53 (3.4)	
Italy	52 (2.6)	
Israel	52 (3.1)	
New Zealand	50 (2.7)	
International Average	49 (0.6)	
United Arab Emirates	48 (2.9)	
Hungary	48 (2.6)	
Malta	45 (3.1)	
Czech Republic	42 (3.1) <b>▼</b>	
Portugal	40 (2.6) ▼	
Qatar	40 (3.4) ▼	
Belgium (Flemish)	38 (2.5) ▼	
Spain	38 (3.5) ▼	
Slovak Republic	36 (3.4) ▼	
Slovenia	35 (3.5) ▼	
Saudi Arabia	33 (3.1) ▼	
Kazakhstan	32 (2.0) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	79 (2.2)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP31W13 (Where's the Honey?): What honeyguide might do diff. **Constructed Response (1 Point)**

Country	Percent Full Credit
Russian Federation	60 (3.5) ▲
Czech Republic	55 (3.9) ▲
Norway (5)	55 (2.7) ▲
Denmark	50 (3.2) ▲
Croatia	50 (5.5) ▲
Finland	49 (2.5) ▲
Hungary	48 (3.6) ▲
Germany	47 (4.2)
Singapore	46 (3.5) ▲
Israel	44 (3.6)
Lithuania	43 (3.4)
Chinese Taipei	42 (2.7)
Italy	40 (2.5)
International Average	39 (0.7)
Sweden	38 (3.8)
Malta	36 (3.2)
Kazakhstan	35 (2.1)
Slovak Republic	34 (3.6)
New Zealand	32 (3.5) ▼
United Arab Emirates	31 (3.0) ▼
Belgium (Flemish)	30 (3.2) ▼
Spain	28 (3.2) ▼
Slovenia	25 (3.1) ▼
Qatar	24 (2.6) ▼
Portugal	23 (2.4) ▼
Saudi Arabia	13 (2.1) ▼
enchmarking Participants	
Moscow City, Russian Fed.	66 (2.7) ▲

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41I01 (Icelandic Horses): Year the Vikings left Norway **Constructed Response (1 Point)** 

Country	Percent Full Credit	
Russian Federation	97 (0.8)	
Croatia	94 (2.8)	
Singapore	93 (1.4)	
Portugal	93 (1.4)	
Chinese Taipei	93 (1.6)	
Lithuania	92 (2.1)	
Germany	91 (1.9)	
Denmark	91 (1.6)	
Slovak Republic	91 (1.9)	
Hungary	91 (1.5)	
Sweden	90 (1.9)	
Norway (5)	90 (1.8)	
Finland	89 (2.6)	
Slovenia	88 (2.4)	
Italy	88 (2.2)	
Spain	87 (2.2)	
Malta	87 (1.7)	
Czech Republic	87 (2.1)	
International Average	87 (0.4)	
Israel	85 (2.0)	
Belgium (Flemish)	84 (1.7)	
New Zealand	82 (1.9)	
Qatar	79 (2.4) ▼	
United Arab Emirates	76 (3.4) <b>▼</b>	
Saudi Arabia	67 (3.1)	
Kazakhstan	59 (3.2) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	97 (0.9)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41I02 (Icelandic Horses): Why did Vikings choose their cargo carefully Multiple Choice (Key is D)

Country	Percent Full Credit	
Chinese Taipei	67 (1.9)	
Slovenia	67 (2.9)	
Hungary	66 (3.2)	
Singapore	62 (1.8) 🔺	
Belgium (Flemish)	58 (2.4) ▲	
Lithuania	58 (2.8) ▲	
Norway (5)	56 (3.4)	
New Zealand	55 (2.4)	
Italy	55 (2.7)	
Czech Republic	55 (3.5)	
Slovak Republic	53 (2.7)	
Kazakhstan	53 (2.5)	
Germany	52 (3.8)	
Sweden	52 (2.7)	
International Average	52 (0.6)	
Finland	51 (2.2)	
Croatia	51 (3.3)	
Malta	49 (2.7)	
Denmark	48 (2.6)	
Russian Federation	45 (3.0) ▼	
Qatar	44 (2.4) ▼	
United Arab Emirates	42 (3.2) ▼	
Portugal	41 (2.6) ▼	
Israel	41 (2.7) ▼	
Spain	40 (3.5) ▼	
Saudi Arabia	28 (2.7) ▼	
enchmarking Participants	20 (0.0)	
Moscow City, Russian Fed.	62 (2.8) ▲	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41I03 (Icelandic Horses): Two reasons Iceland thousands of horses **Constructed Response (2 Points)** 

45 (2.4) ▲ 44 (2.7) ▲ 43 (2.3) ▲ 42 (4.1) ▲ 41 (3.2) ▲ 41 (3.4) ▲ 40 (3.2) ▲ 40 (4.1) 38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6) 33 (0.6)	80 (1.8) ▲ 76 (2.3) ▲ 78 (2.0) ▲ 74 (2.8) ▲ 79 (2.3) ▲ 78 (2.9) ▲ 82 (2.0) ▲ 73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
43 (2.3) ▲ 42 (4.1) ▲ 41 (3.2) ▲ 41 (3.4) ▲ 40 (3.2) ▲ 40 (4.1) 38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	78 (2.0) ▲ 74 (2.8) ▲ 79 (2.3) ▲ 78 (2.9) ▲ 82 (2.0) ▲ 73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
42 (4.1) ▲ 41 (3.2) ▲ 41 (3.4) ▲ 40 (3.2) ▲ 40 (4.1) 38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	74 (2.8) ▲ 79 (2.3) ▲ 78 (2.9) ▲ 82 (2.0) ▲ 73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
41 (3.2) ▲ 41 (3.4) ▲ 40 (3.2) ▲ 40 (4.1) 38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	79 (2.3) ▲ 78 (2.9) ▲ 82 (2.0) ▲ 73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
41 (3.4) <b>A</b> 40 (3.2) <b>A</b> 40 (4.1) 38 (2.7) <b>A</b> 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	78 (2.9) ▲ 82 (2.0) ▲ 73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
40 (3.2) ▲ 40 (4.1) 38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	82 (2.0) ▲ 73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
40 (4.1) 38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	73 (3.4) 74 (1.9) ▲ 76 (2.3) ▲ 73 (3.2) 73 (2.6) 73 (2.4)
38 (2.7) ▲ 36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	74 (1.9) <b>A</b> 76 (2.3) <b>A</b> 73 (3.2) 73 (2.6) 73 (2.4)
36 (3.2) 36 (2.1) 35 (2.4) 34 (2.6)	76 (2.3) <b>A</b> 73 (3.2) 73 (2.6) 73 (2.4)
36 (2.1) 35 (2.4) 34 (2.6)	73 (3.2) 73 (2.6) 73 (2.4)
35 (2.4) 34 (2.6)	73 (2.6) 73 (2.4)
34 (2.6)	73 (2.4)
22 (0.6)	
33 (U.U)	68 (0.6)
32 (2.2)	61 (2.8) ▼
31 (2.3)	69 (2.3)
30 (3.4)	64 (3.3)
29 (2.3)	64 (2.6)
27 (3.3)	64 (4.1)
26 (2.3) ▼	58 (3.0) ▼
25 (2.4) ▼	60 (3.2) ▼
23 (2.5) ▼	63 (2.4) ▼
23 (4.2) ▼	58 (3.4) ▼
22 (2.1) ▼	57 (2.7) ▼
22 (2.5) ▼	61 (3.9)
10 (1.8) ▼	34 (3.4) ▼
	α <u> </u>
	23 (2.5) ▼ 23 (4.2) ▼ 22 (2.1) ▼ 22 (2.5) ▼

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41I04 (Icelandic Horses): What kind of place did they find **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	40 (1.9) ▲	81 (1.9) 🔺
Hungary	39 (3.2) ▲	82 (2.9) 🔺
Sweden	38 (2.8) ▲	82 (2.8) 🔺
Chinese Taipei	37 (3.0) ▲	72 (2.5)
Norway (5)	36 (3.0) ▲	75 (2.9) ▲
Czech Republic	35 (3.5) ▲	85 (2.7) ▲
Lithuania	35 (2.2) ▲	76 (2.8) ▲
Russian Federation	34 (2.7) ▲	82 (1.9) 🔺
Slovak Republic	33 (3.1) ▲	77 (2.8) 🔺
Denmark	30 (2.9)	70 (2.4)
Croatia	28 (4.6)	73 (4.6)
New Zealand	27 (2.8)	68 (3.3)
International Average	27 (0.6)	68 (0.6)
Spain	23 (3.2)	54 (3.7) ▼
Finland	23 (2.3)	73 (3.1)
Malta	22 (4.5)	69 (4.6)
Portugal	22 (2.9)	66 (3.3)
Germany	22 (2.6) ▼	56 (4.4) ▼
United Arab Emirates	21 (2.3) ▼	57 (3.0) ▼
Israel	21 (3.1)	61 (3.2) ▼
Italy	21 (2.5) ▼	67 (2.9)
Belgium (Flemish)	20 (2.1) ▼	56 (3.3) ▼
Qatar	20 (2.0) ▼	56 (3.2) ▼
Slovenia	17 (2.8) ▼	63 (3.5)
Saudi Arabia	16 (2.8) ▼	33 (3.3) ▼
Kazakhstan	13 (1.6) ▼	55 (3.6) ▼
enchmarking Participants		
Moscow City, Russian Fed.	48 (2.7) ▲	92 (1.7)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41I05 (Icelandic Horses): How do the large numbers help the reader Multiple Choice (Key is C)

Country	Percent Full Credit
Italy	82 (2.2)
Russian Federation	78 (2.9)
Chinese Taipei	74 (2.2)
Lithuania	74 (3.9)
Spain	74 (3.6)
Sweden	74 (2.7)
Singapore	73 (2.6)
Slovenia	71 (3.2)
Croatia	71 (4.3)
Hungary	70 (3.0)
Portugal	67 (2.6)
Denmark	67 (3.0)
Norway (5)	67 (2.9)
Kazakhstan	65 (1.9)
International Average	65 (0.6)
Israel	64 (2.7)
Germany	64 (3.3)
Belgium (Flemish)	64 (2.6)
Czech Republic	60 (4.1)
Finland	59 (2.6) ▼
Malta	58 (2.7) ▼
Slovak Republic	57 (3.0)
New Zealand	53 (2.8) ▼
United Arab Emirates	52 (2.8) ▼
Qatar	51 (4.0) <b>▼</b>
Saudi Arabia	37 (3.9) ▼
enchmarking Participants	
Moscow City, Russian Fed.	89 (1.7)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP41I06 (Icelandic Horses): Why did Icelandic people treat horses with respect Multiple Choice (Key is A)

Country	Percent Full Credit
Russian Federation	84 (1.8)
Singapore	73 (2.9)
Chinese Taipei	70 (2.5)
Slovenia	69 (2.7)
Hungary	68 (2.6)
Croatia	65 (5.4)
Slovak Republic	63 (3.3)
Czech Republic	62 (3.2)
Finland	61 (2.9)
Germany	60 (3.0)
Italy	59 (2.5)
Lithuania	57 (3.4)
International Average	54 (0.6)
Spain	53 (2.8)
Qatar	52 (3.7)
Kazakhstan	51 (2.6)
New Zealand	51 (2.6)
United Arab Emirates	46 (3.0) ▼
Sweden	45 (2.7) ▼
Israel	45 (2.7) ▼
Belgium (Flemish)	45 (2.8) ▼
Malta	42 (4.5) ▼
Saudi Arabia	39 (2.2) ▼
Norway (5)	38 (2.6) ▼
Portugal	36 (2.3) ▼
Denmark	29 (2.8)
enchmarking Participants	
Moscow City, Russian Fed.	92 (1.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41I07 (Icelandic Horses): Write how conditions changed the horse **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Lithuania	51 (3.5) ▲	77 (3.0) 🔺
Slovak Republic	47 (2.7) ▲	70 (2.8) 🔺
Slovenia	43 (4.7)	69 (3.2) ▲
Singapore	42 (2.8) ▲	69 (2.7) ▲
Finland	42 (3.6)	67 (4.0)
Hungary	41 (4.3)	63 (3.8)
Chinese Taipei	40 (2.3) ▲	70 (1.7) 🔺
Czech Republic	40 (3.8)	70 (2.7) 🔺
Croatia	39 (4.1)	67 (4.2)
Sweden	39 (2.9)	62 (3.8)
Italy	38 (2.7)	62 (3.0)
Russian Federation	38 (3.3)	77 (2.1) 🔺
Norway (5)	37 (2.7)	58 (3.0)
International Average	35 (0.6)	59 (0.7)
Germany	35 (3.3)	58 (3.3)
Denmark	34 (3.3)	54 (3.0)
Spain	34 (3.0)	55 (4.5)
New Zealand	32 (2.4)	54 (2.7) ▼
Kazakhstan	32 (2.5)	58 (3.0)
Portugal	30 (3.0)	55 (3.1)
United Arab Emirates	29 (2.7) ▼	49 (3.1) ▼
Qatar	28 (2.8) ▼	52 (5.3)
Israel	27 (3.6) ▼	53 (3.4) ▼
Malta	22 (3.6) ▼	48 (5.8) ▼
Belgium (Flemish)	21 (2.7) ▼	46 (3.6) ▼
Saudi Arabia	8 (1.9) ▼	22 (3.3) ▼
enchmarking Participants		
Moscow City, Russian Fed.	41 (2.9) ▲	80 (1.7)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41I08 (Icelandic Horses): What is the tolt Multiple Choice (Key is A)

Country	Percent Full Credit
Chinese Taipei	94 (1.5) 🔺
Czech Republic	94 (1.7)
Russian Federation	91 (1.8) 🔺
Italy	90 (2.2)
Lithuania	90 (2.0)
Croatia	88 (4.1)
Slovak Republic	88 (1.8) 🔺
Belgium (Flemish)	87 (1.7)
Finland	87 (1.6)
Hungary	86 (2.0)
Portugal	85 (1.8)
Slovenia	85 (2.7)
Sweden	84 (2.0)
Singapore	83 (1.9)
International Average	82 (0.5)
Kazakhstan	82 (1.8)
Malta	82 (3.0)
Israel	81 (2.1)
Norway (5)	80 (2.6)
New Zealand	79 (1.9) ▼
Spain	78 (2.6)
Denmark	78 (2.4) ▼
Germany	77 (2.7) ▼
Qatar	75 (3.2) ▼
United Arab Emirates	72 (2.7) ▼
Saudi Arabia	46 (3.2) ▼
enchmarking Participants	
Moscow City, Russian Fed.	94 (1.2)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP41I09 (Icelandic Horses): Why do riders sometimes carry a glass of water **Constructed Response (1 Point)**

Country	Percent Full Credit
Chinese Taipei	78 (1.8)
Sweden	77 (3.2)
Croatia	76 (4.0)
Lithuania	76 (2.7)
Czech Republic	75 (2.8)
Hungary	75 (3.4)
Russian Federation	70 (2.6)
Norway (5)	70 (2.7)
Germany	67 (3.5)
Finland	66 (2.9)
Israel	64 (3.1)
Slovenia	63 (2.9)
Slovak Republic	63 (2.5)
International Average	63 (0.6)
Singapore	62 (2.6)
Spain	61 (3.5)
Kazakhstan	60 (3.2)
Portugal	59 (3.0)
Italy	59 (2.6)
New Zealand	58 (2.6) ▼
United Arab Emirates	55 (3.2) ▼
Denmark	55 (2.9) ▼
Malta	54 (3.4) ▼
Qatar	53 (3.2) ▼
Belgium (Flemish)	53 (2.6) ▼
Saudi Arabia	31 (2.6)
enchmarking Participants	
Moscow City, Russian Fed.	77 (2.1)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41I10 (Icelandic Horses): What is one thing you learn from this picture Multiple Choice (Key is C)

Country	Percent Full Credit
Czech Republic	81 (2.2)
Denmark	80 (2.2)
Slovak Republic	76 (2.8)
Finland	75 (2.2)
Lithuania	74 (2.9)
Italy	70 (2.7)
Norway (5)	70 (2.9)
Slovenia	67 (2.9)
Belgium (Flemish)	67 (2.7)
Germany	67 (2.9)
Spain	66 (3.4)
Sweden	66 (3.3)
Russian Federation	63 (2.7)
Singapore	62 (2.4)
International Average	62 (0.6)
Chinese Taipei	61 (2.3)
Israel	59 (2.4)
Croatia	59 (4.9)
Portugal	55 (2.6)
United Arab Emirates	49 (2.5)
Kazakhstan	49 (3.5)
New Zealand	49 (2.5)
Hungary	48 (4.1)
Malta	48 (4.1)
Qatar	43 (3.0)
Saudi Arabia	39 (3.7)
enchmarking Participants	
Moscow City, Russian Fed.	70 (2.2)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41I11 (Icelandic Horses): Give one characteristic of the horses **Constructed Response (2 Points)** 

Country	Percent Full Credit	Percent at Least 1 Point
Hungary	50 (2.2) ▲	79 (2.3) ▲
Singapore	47 (1.9)	76 (2.5) ▲
Croatia	43 (3.8) ▲	71 (4.7)
Lithuania	40 (3.1) ▲	67 (3.7)
Russian Federation	37 (3.2) ▲	78 (1.8) ▲
Israel	36 (3.3) ▲	71 (3.1)
Slovak Republic	33 (3.0)	64 (2.8)
Finland	33 (2.3)	76 (2.6) ▲
Chinese Taipei	32 (2.9)	81 (1.9)
Sweden	31 (3.6)	74 (3.1) ▲
Portugal	30 (2.6)	68 (2.8)
International Average	29 (0.6)	67 (0.6)
Slovenia	29 (3.6)	71 (3.2)
Qatar	28 (5.1)	59 (4.4)
United Arab Emirates	28 (3.5)	58 (3.1) ▼
Denmark	27 (2.6)	60 (2.6) ▼
Germany	24 (3.0)	63 (3.5)
Italy	24 (2.1) ▼	74 (2.4) ▲
Spain	24 (2.5) ▼	62 (3.4)
New Zealand	23 (2.2) ▼	54 (2.7) ▼
Norway (5)	23 (2.6) ▼	71 (2.1) 🔺
Czech Republic	23 (3.2) ▼	80 (2.6)
Belgium (Flemish)	20 (2.5) ▼	52 (2.9) ▼
Kazakhstan	19 (1.7) ▼	64 (2.3)
Malta	19 (3.0) ▼	59 (4.5)
Saudi Arabia	13 (2.0) ▼	38 (3.7) ▼
enchmarking Participants		
Moscow City, Russian Fed.	41 (2.5) ▲	89 (1.6)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41I12 (Icelandic Horses): Why is there only one type of horse in Iceland Multiple Choice (Key is D)

Country	Percent Full Credit
Singapore	73 (2.1)
Russian Federation	69 (3.0)
Chinese Taipei	67 (2.1)
Portugal	65 (2.0)
Denmark	65 (2.4)
Finland	65 (2.8)
Sweden	64 (2.7)
Lithuania	62 (3.4)
Kazakhstan	62 (2.7)
Italy	61 (2.8)
Norway (5)	61 (3.7)
Hungary	61 (3.6)
Slovak Republic	60 (2.7)
Spain	60 (3.2)
Slovenia	59 (2.7)
International Average	58 (0.6)
Croatia	58 (3.5)
Czech Republic	53 (2.9)
New Zealand	53 (2.0) ▼
Malta	53 (3.2)
Qatar	52 (3.6)
Germany	51 (3.1)
Israel	50 (3.0) ▼
United Arab Emirates	50 (3.1) ▼
Belgium (Flemish)	44 (2.5) ▼
Saudi Arabia	38 (3.3) ▼
enchmarking Participants	
Moscow City, Russian Fed.	66 (2.3)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41I13 (Icelandic Horses): How do people use Icelandic horses in the present **Constructed Response (1 Point)** 

Country	Percent Full Credit
Italy	72 (2.6)
Hungary	69 (2.8)
Russian Federation	69 (3.0)
Lithuania	68 (3.5)
Czech Republic	67 (2.3)
Sweden	67 (2.2)
Finland	63 (2.7)
Singapore	62 (2.7)
Spain	58 (3.9)
Norway (5)	57 (2.8)
Germany	57 (3.3)
Denmark	55 (3.3)
International Average	55 (0.6)
Portugal	55 (3.0)
Croatia	54 (4.9)
Chinese Taipei	54 (2.9)
Israel	54 (3.8)
Qatar	54 (3.8)
Malta	53 (4.0)
United Arab Emirates	49 (3.4)
Kazakhstan	48 (3.7)
Slovak Republic	48 (2.5)
New Zealand	43 (2.1)
Belgium (Flemish)	34 (2.5)
Saudi Arabia	33 (3.5)
Slovenia	30 (3.1)
enchmarking Participants	
Moscow City, Russian Fed.	80 (2.7)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP41I14 (Icelandic Horses): The writer has a good opinion of horses **Constructed Response (1 Point)**

Country	Percent Full Credit
Israel	57 (3.4)
Croatia	54 (4.0)
Italy	52 (3.0)
Hungary	50 (4.0)
Germany	44 (4.6)
Slovenia	42 (3.7)
Singapore	42 (2.4)
Finland	41 (2.9)
Kazakhstan	40 (2.6)
Russian Federation	40 (3.5)
Spain	40 (3.4)
International Average	37 (0.7)
Slovak Republic	36 (3.3)
Lithuania	36 (3.1)
New Zealand	35 (2.4)
Sweden	35 (3.7)
Belgium (Flemish)	34 (3.3)
United Arab Emirates	34 (2.9)
Qatar	34 (4.0)
Czech Republic	33 (3.4)
Chinese Taipei	33 (2.3)
Denmark	32 (3.3)
Portugal	27 (2.9)
Malta	24 (4.4)
Norway (5)	24 (2.8)
Saudi Arabia	11 (1.9)
enchmarking Participants	
Moscow City, Russian Fed.	58 (2.3)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP41I15 (Icelandic Horses): Lead to the development Icelandic horse **Constructed Response (1 Point)**

Country	Percent Full Credit	
Russian Federation	67 (3.0)	
Croatia	66 (4.4)	
Slovak Republic	63 (3.0)	
Czech Republic	60 (3.9)	
Singapore	59 (3.0)	
Italy	57 (3.4)	
Sweden	55 (2.9)	
Finland	55 (3.3)	
Portugal	54 (2.5) ▲	
Spain	52 (3.9)	
Norway (5)	52 (3.4)	
Israel	51 (3.4)	
Slovenia	48 (3.6)	
Denmark	48 (3.6)	
Lithuania	48 (3.8)	
International Average	48 (0.7)	
Chinese Taipei	45 (3.5)	
Hungary	43 (3.8)	
Germany	41 (4.4)	
United Arab Emirates	41 (3.0) ▼	
New Zealand	39 (2.4) ▼	
Belgium (Flemish)	38 (3.2) ▼	
Kazakhstan	37 (3.3) ▼	
Qatar	37 (5.3) ▼	
Malta	24 (5.0) ▼	
Saudi Arabia	15 (2.5) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	80 (2.4)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K01 (Sharks): Two things about a shark's teeth **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	83 (1.7) 🔺	95 (0.9) 🔺
Russian Federation	79 (1.7) ▲	95 (1.4) 🔺
Croatia	70 (3.4) 🔺	93 (1.4) 🔺
Portugal	68 (2.4) ▲	90 (1.7) 🔺
Italy	63 (2.5) ▲	91 (1.6) 🔺
Hungary	63 (3.3)	90 (2.8)
Norway (5)	62 (2.5)	88 (1.9)
Kazakhstan	60 (2.4)	89 (2.0) ▲
Israel	57 (2.6)	78 (1.9) ▼
International Average	57 (0.6)	85 (0.4)
Chinese Taipei	57 (2.6)	84 (2.2)
Slovak Republic	57 (2.9)	88 (2.4)
New Zealand	55 (2.4)	84 (2.1)
Finland	55 (2.5)	89 (1.6) 🔺
Spain	55 (3.6)	90 (2.1) 🔺
Germany	53 (2.8)	86 (2.2)
Malta	53 (3.3)	77 (2.0) ▼
Czech Republic	52 (3.3)	82 (3.2)
United Arab Emirates	52 (3.2)	76 (2.2) ▼
Denmark	52 (2.9)	83 (2.5)
Sweden	51 (3.0)	82 (2.2)
Lithuania	51 (3.3)	80 (2.3) ▼
Belgium (Flemish)	50 (2.8) ▼	81 (2.3)
Qatar	44 (4.7) ▼	79 (2.4) ▼
Saudi Arabia	41 (3.1) ▼	72 (2.9) ▼
Slovenia	41 (2.2) ▼	75 (2.6) ▼
enchmarking Participants		
Moscow City, Russian Fed.	82 (1.8) 🔺	99 (0.4) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K02 (Sharks): Three kinds of animals sharks eat **Constructed Response (1 Point)**

Country	Percent Full Credit	
Chinese Taipei	91 (1.2)	
Norway (5)	84 (2.0)	
Denmark	84 (2.6)	
Russian Federation	83 (2.4)	
Singapore	82 (2.0)	
Portugal	79 (1.9)	
New Zealand	76 (2.3)	
Belgium (Flemish)	75 (2.0)	
Sweden	74 (2.5)	
Czech Republic	73 (2.3)	
Lithuania	72 (3.2)	
Germany	71 (3.0)	
Italy	70 (2.5)	
International Average	70 (0.6)	
Israel	69 (3.0)	
Slovenia	68 (2.9)	
Hungary	67 (2.7)	
Finland	66 (2.3)	
Slovak Republic	65 (3.1)	
Croatia	65 (3.4)	
Kazakhstan	64 (2.3)	
United Arab Emirates	60 (3.0)	
Qatar	59 (4.3)	
Spain	59 (3.3)	
Malta	55 (5.7)	
Saudi Arabia	41 (2.8)	
enchmarking Participants		
Moscow City, Russian Fed.	86 (1.2)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP21K03 (Sharks): Why tiger shark called garbage-can Multiple Choice (Key is C)

Country	Percent Full Credit	
Germany	78 (2.6) <b>▲</b>	
Finland	74 (2.0)	
Russian Federation	73 (2.5)	
Italy	72 (2.1) 🔺	
Kazakhstan	72 (1.7)	
Singapore	71 (2.2)	
Portugal	69 (2.4)	
Norway (5)	69 (2.8)	
Denmark	67 (3.3)	
Slovenia	67 (3.0)	
Sweden	65 (3.2)	
Lithuania	65 (3.0)	
Belgium (Flemish)	64 (2.3)	
Hungary	64 (2.6)	
New Zealand	62 (2.6)	
Chinese Taipei	61 (2.8)	
International Average	61 (0.6)	
Israel	60 (2.8)	
Czech Republic	58 (2.8)	
Spain	57 (3.6)	
Malta	50 (3.5) ▼	
Croatia	47 (3.4) ▼	
Slovak Republic	45 (3.8) ▼	
United Arab Emirates	43 (3.0) ▼	
Qatar	42 (2.5) ▼	
Saudi Arabia	29 (2.5) ▼	
enchmarking Participants		
Moscow City, Russian Fed.	82 (1.9)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K04 (Sharks): Sense used to first to find prey Multiple Choice (Key is D)

Country	Percent Full Credit
Denmark	67 (2.2)
Croatia	65 (2.6)
Chinese Taipei	64 (3.8)
Lithuania	63 (2.8)
Singapore	63 (2.3)
Sweden	62 (2.5)
New Zealand	61 (2.3)
Finland	59 (2.0)
Russian Federation	59 (2.5)
Kazakhstan	58 (2.5)
Czech Republic	58 (2.4)
Slovenia	56 (3.4)
Qatar	56 (2.2)
International Average	56 (0.5)
United Arab Emirates	55 (2.8)
Norway (5)	54 (2.9)
Italy	53 (2.2)
Israel	52 (3.0)
Portugal	51 (2.0) <b>T</b>
Hungary	51 (2.9)
Spain	51 (2.9)
Slovak Republic	50 (2.7) ▼
Germany	46 (3.2) <b>▼</b>
Malta	45 (2.5) ▼
Saudi Arabia	35 (2.7) ▼
Belgium (Flemish)	
enchmarking Participants	
Moscow City, Russian Fed.	65 (2.3)

<sup>▲</sup> Percent significantly higher than international average ▼ Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available.



# RP21K05 (Sharks): Why eyes glow in the dark Constructed Response (1 Point)

Country	Percent Full Credi	
Russian Federation	80 (2.0)	
Chinese Taipei	77 (2.5)	
Singapore	68 (2.9)	
Hungary	66 (3.2)	
Czech Republic	64 (2.6)	
Finland	64 (2.5)	
Kazakhstan	62 (1.7)	
Portugal	60 (2.7)	
Lithuania	55 (3.3)	
Germany	55 (3.2)	
Sweden	54 (3.2)	
Italy	52 (2.4)	
Denmark	52 (3.2)	
International Average	50 (0.6)	
Qatar	44 (3.7)	
Israel	43 (2.9)	
Slovenia	43 (3.0)	
Norway (5)	42 (3.4)	
Spain	41 (3.6)	
New Zealand	40 (2.4)	
Slovak Republic	40 (3.0)	
United Arab Emirates	38 (2.6)	
Belgium (Flemish)	38 (2.9)	
Malta	34 (3.7)	
Croatia	31 (2.5)	
Saudi Arabia	20 (3.0)	
enchmarking Participants		
Moscow City, Russian Fed.	90 (1.9)	

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K06 (Sharks): Why sharks give a test bite Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	84 (2.2)
Italy	81 (1.6)
Chinese Taipei	79 (1.8)
Sweden	78 (2.4)
Finland	77 (2.0)
Croatia	77 (2.8)
Singapore	77 (2.4)
Denmark	75 (2.5)
Slovenia	75 (2.5)
Germany	74 (3.1)
Czech Republic	73 (2.4)
Norway (5)	69 (2.6)
International Average	68 (0.5)
New Zealand	68 (2.8)
Belgium (Flemish)	66 (2.9)
Hungary	66 (2.6)
Slovak Republic	64 (4.0)
Qatar	64 (3.4)
Portugal	64 (2.5)
Lithuania	63 (3.0)
Israel	61 (2.4) ▼
United Arab Emirates	59 (2.9) ▼
Spain	59 (2.2) ▼
Kazakhstan	54 (3.2) ▼
Malta	52 (3.2) ▼
Saudi Arabia	46 (2.7) ▼
enchmarking Participants	
Moscow City, Russian Fed.	92 (1.3) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP21K07 (Sharks): Shark's senses of touch and hearing **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	68 (3.3) ▲	91 (1.6) 🔺
Croatia	60 (4.0)	84 (4.7)
Hungary	59 (3.5) ▲	86 (2.2) ▲
Singapore	58 (2.8) ▲	81 (2.3) 🔺
Russian Federation	50 (3.0) ▲	81 (2.1) 🔺
Finland	48 (3.0) ▲	85 (1.8) 🔺
Czech Republic	47 (2.7) ▲	82 (2.3) 🔺
Denmark	45 (2.7)	81 (2.8) 🔺
Italy	45 (2.5)	79 (2.2) ▲
Lithuania	44 (3.0)	71 (2.9)
International Average	41 (0.6)	72 (0.6)
Spain	40 (3.7)	78 (3.1)
Portugal	39 (2.5)	77 (2.5)
Kazakhstan	39 (2.5)	76 (2.2)
Israel	38 (2.6)	72 (3.1)
Sweden	37 (3.1)	64 (3.2) ▼
Slovak Republic	37 (3.7)	69 (3.3)
Malta	37 (4.5)	62 (4.9) ▼
New Zealand	37 (3.5)	65 (3.3) ▼
Qatar	36 (4.2)	63 (4.0) ▼
Norway (5)	34 (2.7) ▼	62 (2.5) ▼
United Arab Emirates	30 (2.5) ▼	68 (3.2)
Slovenia	28 (2.7) ▼	68 (3.2)
Belgium (Flemish)	26 (3.3) ▼	62 (3.3) ▼
Germany	24 (2.8) ▼	54 (3.5) ▼
Saudi Arabia	13 (2.7) ▼	39 (3.9) ▼
enchmarking Participants		
Moscow City, Russian Fed.	59 (2.5) ▲	86 (1.9) ▲

<sup>▲</sup> Percent significantly higher than international average



<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K08 (Sharks): Sense used to detect prey Multiple Choice (Key is D)

Country	Percent Full Credit
Chinese Taipei	75 (2.5)
Hungary	74 (2.0)
Singapore	70 (2.2)
Finland	67 (3.1)
Denmark	67 (2.5)
Czech Republic	64 (2.9)
Croatia	62 (4.6)
Italy	62 (1.9)
Norway (5)	60 (3.1)
Spain	59 (2.7)
Slovak Republic	57 (2.8)
International Average	56 (0.6)
Lithuania	56 (3.2)
Israel	56 (2.8)
Slovenia	56 (3.5)
United Arab Emirates	53 (2.7)
Kazakhstan	52 (2.8)
Germany	50 (3.2)
Portugal	49 (2.6)
New Zealand	49 (2.8)
Sweden	49 (2.6)
Russian Federation	48 (3.8)
Qatar	47 (3.2)
Malta	47 (3.2)
Belgium (Flemish)	46 (2.3)
Saudi Arabia	37 (2.8)
enchmarking Participants	-
Moscow City, Russian Fed.	61 (2.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>()</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RP21K09 (Sharks): How diagram explains good hunters Multiple Choice (Key is B)

Country	Percent Full Credit
Singapore	87 (1.7)
Chinese Taipei	84 (2.0)
Russian Federation	82 (2.1) 🔺
Finland	81 (2.1) 🔺
Denmark	81 (2.8)
Sweden	80 (2.4)
Hungary	80 (2.2)
Portugal	78 (2.1) ▲
Norway (5)	74 (3.1)
Italy	74 (2.1)
Israel	72 (2.6)
New Zealand	72 (2.5)
International Average	70 (0.6)
Croatia	70 (5.0)
United Arab Emirates	68 (2.7)
Qatar	66 (3.0)
Germany	66 (3.0)
Spain	66 (2.4)
Malta	64 (6.4)
Kazakhstan	64 (3.0) ▼
Lithuania	64 (3.4)
Czech Republic	64 (2.9) ▼
Slovak Republic	62 (2.7) ▼
Belgium (Flemish)	58 (2.5) ▼
Slovenia	54 (2.5) ▼
Saudi Arabia	42 (2.4) ▼
Senchmarking Participants	
Moscow City, Russian Fed.	84 (1.8)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

# RP21K10 (Sharks): Order of senses when hunting

**Constructed Response (2 Points)** 

PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

Country	Percent Full Credit	Percent at Least 1 Point
Croatia	44 (3.3) ▲	56 (3.2) ▲
Sweden	43 (3.6) ▲	61 (3.1) 🔺
Finland	41 (2.4)	70 (2.8) 🔺
Czech Republic	40 (4.6) ▲	57 (4.5) ▲
Spain	39 (4.1) ▲	58 (4.6) ▲
Singapore	35 (2.4) ▲	40 (2.5) ▼
Russian Federation	35 (3.6) ▲	55 (3.4) ▲
New Zealand	32 (2.8)	51 (3.4)
Italy	31 (2.8)	49 (2.5)
Denmark	31 (2.1)	66 (3.1) ▲
Hungary	30 (3.3)	62 (3.2) ▲
International Average	28 (0.6)	48 (0.7)
United Arab Emirates	27 (3.6)	41 (3.8)
Chinese Taipei	27 (3.1)	49 (3.0)
Slovak Republic	27 (3.0)	48 (3.4)
Slovenia	25 (3.7)	60 (3.9) ▲
Portugal	24 (2.2)	36 (2.3) ▼
Qatar	24 (2.9)	40 (4.4)
Norway (5)	22 (2.9)	55 (2.6) ▲
Germany	21 (3.0) ▼	52 (3.6)
Belgium (Flemish)	20 (2.7) ▼	34 (3.0) ▼
Malta	19 (5.1)	32 (3.9) ▼
Lithuania	17 (2.3) ▼	47 (3.3)
Israel	17 (2.1) ▼	35 (3.0) ▼
Kazakhstan	11 (1.5) ▼	20 (1.6) ▼
Saudi Arabia	6 (1.8) ▼	15 (2.8) ▼
enchmarking Participants		· · · · · · · · · · · · · · · · · · ·
Moscow City, Russian Fed.	47 (2.2) ▲	61 (2.9) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K11 (Sharks): Sharks with huge mouths Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	81 (3.1)
Chinese Taipei	78 (2.4)
Denmark	77 (2.4)
Germany	73 (2.8)
Czech Republic	68 (2.7)
Slovak Republic	66 (3.1)
Croatia	65 (5.0)
Slovenia	64 (3.3)
Norway (5)	64 (2.4)
Singapore	63 (2.0)
Hungary	63 (3.1)
Sweden	63 (3.2)
Italy	62 (2.4)
Finland	61 (3.0)
Lithuania	61 (3.3)
International Average	61 (0.6)
Kazakhstan	60 (1.9)
New Zealand	60 (2.9)
Belgium (Flemish)	57 (3.2)
Spain	57 (2.6)
Portugal	55 (2.3)
Malta	51 (3.8)
Israel	49 (2.9)
United Arab Emirates	48 (2.7)
Qatar	45 (3.1)
Saudi Arabia	38 (3.3)
enchmarking Participants	
Moscow City, Russian Fed.	86 (1.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP21K12 (Sharks): Shark information table Constructed Response (3 Points)

PIRLS 2021 Percent Correct Statistics for Bridge Achievement Items

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	61 (2.6) ▲	85 (2.3) 🔺	95 (1.3) 🔺
Russian Federation	59 (3.4) ▲	85 (2.3) 🔺	96 (1.1) 🔺
Chinese Taipei	47 (3.0) 🔺	80 (2.5)	97 (1.0) 🔺
Hungary	45 (3.0) ▲	73 (3.5) ▲	93 (1.7) 🔺
Slovenia	36 (2.6)	57 (2.8)	85 (3.0)
Croatia	35 (4.2)	65 (3.4)	91 (2.3)
Israel	35 (3.1)	64 (2.8)	83 (2.2) ▼
Spain	34 (3.1)	67 (3.0) 🔺	92 (1.9) 🔺
International Average	32 (0.6)	61 (0.6)	87 (0.5)
Finland	32 (2.6)	59 (3.8)	89 (2.3)
United Arab Emirates	31 (3.1)	57 (3.4)	78 (3.2) ▼
Slovak Republic	31 (3.4)	58 (3.0)	87 (1.9)
Czech Republic	30 (3.5)	57 (4.0)	89 (2.3)
Denmark	29 (2.8)	62 (2.8)	88 (2.0)
New Zealand	29 (2.9)	60 (2.5)	80 (2.4) ▼
Italy	29 (2.1)	64 (2.2)	93 (1.3) 🔺
Malta	27 (2.8)	56 (3.4)	85 (2.2)
Belgium (Flemish)	27 (2.5) ▼	60 (4.1)	90 (1.9)
Qatar	27 (2.7)	53 (3.8) ▼	81 (2.5) ▼
Norway (5)	26 (2.5) ▼	67 (3.0)	90 (2.1)
Portugal	24 (2.2) ▼	53 (2.1) ▼	90 (1.5) 🔺
Sweden	23 (2.5) ▼	56 (2.8)	83 (2.5)
Kazakhstan	22 (2.3) ▼	53 (2.9) ▼	83 (2.6)
Lithuania	22 (2.8) ▼	55 (3.4) ▼	86 (2.6)
Germany	21 (2.5) ▼	53 (3.4) ▼	88 (2.4)
Saudi Arabia	18 (3.2) ▼	34 (4.0) ▼	58 (4.2) ▼
enchmarking Participants			
Moscow City, Russian Fed.	55 (2.6) ▲	82 (2.1) 🔺	98 (0.8)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41E01 (How Did We Learn to Fly?): Who invented the first kites **Constructed Response (1 Point)**

Country	Percent Full Credit
Croatia	100 (0.0)
Portugal	100 (0.1)
Slovenia	100 (0.1)
Lithuania	100 (0.2)
Singapore	100 (0.2)
Russian Federation	100 (0.4)
Italy	99 (0.3)
Czech Republic	99 (0.4)
Sweden	99 (0.4)
Germany	99 (0.6)
Malta	99 (0.8)
Finland	99 (0.4)
Norway (5)	98 (0.8)
Israel	98 (0.6)
New Zealand	98 (0.7)
Hungary	98 (1.2)
International Average	97 (0.2)
Spain	97 (1.1)
Denmark	97 (0.9)
Slovak Republic	96 (1.3)
Saudi Arabia	95 (1.5)
Chinese Taipei	95 (1.6)
Kazakhstan	95 (1.2)
Qatar	92 (1.7)
Belgium (Flemish)	91 (1.5)
United Arab Emirates	88 (2.4)
nchmarking Participants	
Moscow City, Russian Fed.	100 (0.0)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E02 (How Did We Learn to Fly?): What were the first kites made from **Constructed Response (1 Point)**

Country	Percent Full Credit
Croatia	99 (0.3)
Russian Federation	99 (0.5)
Lithuania	97 (1.2)
Sweden	97 (0.9)
Italy	97 (0.8)
Czech Republic	97 (1.0)
Denmark	96 (1.1)
Germany	96 (1.1)
Slovenia	96 (1.3)
Spain	96 (1.2)
Hungary	95 (1.1)
Chinese Taipei	93 (1.1)
Finland	93 (1.4)
Singapore	93 (1.4)
Slovak Republic	93 (1.4)
Portugal	93 (1.5)
Malta	91 (1.7)
New Zealand	91 (1.4)
International Average	90 (0.3)
Kazakhstan	87 (1.8)
Qatar	85 (2.9)
Saudi Arabia	79 (3.4) 🔻
United Arab Emirates	77 (2.7)
Israel	77 (2.1)
Norway (5)	71 (2.2)
Belgium (Flemish)	51 (2.6) ▼
enchmarking Participants	
Moscow City, Russian Fed.	100 (0.2)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

#### RP41E03 (How Did We Learn to Fly?): Why first kites were for rich people Multiple Choice (Key is D)

Country	Percent Full Credit
Lithuania	95 (1.1) 🔺
Russian Federation	94 (1.4)
Chinese Taipei	93 (1.3)
Slovenia	91 (1.4)
Germany	91 (1.9)
Singapore	91 (1.8)
Norway (5)	90 (2.4)
Hungary	89 (1.8)
Belgium (Flemish)	89 (2.0)
Sweden	88 (1.7)
Italy	88 (1.7)
Croatia	87 (2.4)
Denmark	87 (2.1)
Spain	86 (2.2)
Kazakhstan	85 (1.5)
Finland	84 (2.6)
International Average	84 (0.5)
Czech Republic	84 (3.0)
Israel	83 (1.5)
Slovak Republic	82 (2.6)
Portugal	81 (1.7)
New Zealand	76 (2.7) ▼
Malta	76 (4.3) ▼
Qatar	72 (3.1) ▼
United Arab Emirates	67 (3.1) ▼
Saudi Arabia	58 (3.1) ▼
enchmarking Participants	
Moscow City, Russian Fed.	97 (0.8)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E04 (How Did We Learn to Fly?): How Marco Polo found out about kites Multiple Choice (Key is B)

Country	Percent Full Credit
Russian Federation	90 (1.8)
Portugal	87 (1.5)
Italy	86 (1.7)
Chinese Taipei	85 (2.0)
Lithuania	83 (2.9)
Sweden	82 (1.7)
Germany	81 (2.4)
Singapore	81 (1.9)
Slovak Republic	80 (2.7)
Hungary	80 (2.4)
Slovenia	79 (2.6)
Spain	78 (1.7)
Finland	77 (2.6)
Norway (5)	75 (2.8)
International Average	75 (0.5)
Denmark	74 (2.4)
Israel	74 (2.3)
Czech Republic	72 (2.5)
Belgium (Flemish)	70 (2.4)
Malta	69 (3.3)
Croatia	67 (3.8) ▼
New Zealand	66 (2.0) ▼
Kazakhstan	64 (2.0) ▼
Qatar	63 (4.1) ▼
United Arab Emirates	63 (3.0) ▼
Saudi Arabia	36 (3.1) ▼
enchmarking Participants	
Moscow City, Russian Fed.	95 (1.6)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E05 (How Did We Learn to Fly?): Why were soldiers sometimes tied on to kites Multiple Choice (Key is A)

Country	Percent Full Credit
Singapore	98 (1.0)
Sweden	98 (0.7)
Lithuania	97 (1.0)
Germany	97 (1.1) 🔺
Chinese Taipei	96 (1.5)
Norway (5)	96 (0.9)
Finland	96 (1.0)
Belgium (Flemish)	95 (1.2)
Russian Federation	94 (1.2)
Denmark	94 (1.4)
Croatia	93 (2.2)
Italy	93 (1.5)
Czech Republic	92 (1.7)
Slovak Republic	92 (1.8)
Portugal	92 (1.5)
International Average	91 (0.4)
Spain	91 (1.5)
New Zealand	91 (1.5)
Slovenia	90 (2.6)
Israel	88 (1.4) ▼
Qatar	88 (2.3)
Kazakhstan	86 (1.7) ▼
Malta	86 (3.9)
Hungary	84 (2.4) ▼
United Arab Emirates	84 (2.2) ▼
Saudi Arabia	75 (2.9) ▼
enchmarking Participants	
Moscow City, Russian Fed.	98 (0.6)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E06 (How Did We Learn to Fly?): What kind of kite did an Australian invent Multiple Choice (Key is C)

Country	Percent Full Credit
Chinese Taipei	99 (0.5)
Portugal	99 (0.4)
Spain	99 (0.6)
Singapore	99 (0.5)
Sweden	99 (0.4)
Italy	99 (0.4)
Finland	99 (0.4)
Germany	99 (0.6)
Slovenia	98 (0.8)
Belgium (Flemish)	98 (0.7)
Lithuania	98 (0.8)
Norway (5)	98 (0.6)
Croatia	98 (1.1)
Czech Republic	98 (0.7)
New Zealand	98 (0.8)
Denmark	98 (0.7)
Hungary	97 (1.1)
International Average	97 (0.2)
Malta	97 (1.7)
Russian Federation	96 (1.1)
Slovak Republic	96 (0.9)
Israel	95 (0.9) ▼
Kazakhstan	94 (1.1)
Qatar	91 (2.0)
United Arab Emirates	91 (1.9)
Saudi Arabia	82 (2.5) ▼
enchmarking Participants	
Moscow City, Russian Fed.	99 (0.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E07 (How Did We Learn to Fly?): Two things Australian did to make kites lift a man **Constructed Response (2 Points)**

Country	Percent Full Credit	Percent at Least 1 Point
Portugal	75 (2.3) <b>▲</b>	91 (1.2) 🔺
Lithuania	72 (2.2) ▲	93 (1.6)
Singapore	71 (2.0) 🔺	95 (1.3) 🔺
Kazakhstan	69 (2.2) ▲	85 (1.4)
Chinese Taipei	69 (2.8) ▲	91 (1.9) 🔺
Italy	68 (1.8) ▲	91 (1.3) 🔺
Russian Federation	66 (2.2) ▲	89 (1.8) 🔺
Israel	64 (2.7) ▲	81 (2.1)
Croatia	63 (2.7)	90 (2.2) 🔺
Norway (5)	61 (2.9)	85 (2.3)
Czech Republic	60 (2.4)	88 (2.3) 🔺
Germany	59 (2.8)	90 (1.7) 🔺
Slovenia	59 (3.2)	80 (2.5)
Belgium (Flemish)	58 (2.7)	85 (2.1)
nternational Average	58 (0.5)	83 (0.5)
Qatar	57 (3.8)	81 (2.7)
Malta	57 (3.4)	85 (4.3)
Finland	57 (2.5)	87 (1.8) 🔺
Slovak Republic	56 (3.1)	86 (2.9)
Sweden	55 (3.3)	82 (2.2)
Denmark	53 (2.3) ▼	78 (2.2) ▼
Spain	52 (3.1)	90 (1.8) 🔺
New Zealand	47 (2.9) ▼	79 (1.9) ▼
United Arab Emirates	47 (3.0) ▼	75 (3.5) ▼
Saudi Arabia	30 (2.9) ▼	60 (2.8) ▼
Hungary	20 (2.4) ▼	37 (3.0) ▼
enchmarking Participants		
Moscow City, Russian Fed.	71 (2.3) 🔺	94 (1.3) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E08 (How Did We Learn to Fly?): Why was the Australian's invention important Multiple Choice (Key is C)

Country	Percent Full Credit
Portugal	94 (1.0) 🔺
Slovenia	93 (1.8) 🔺
Lithuania	92 (1.4) 🔺
Spain	92 (1.3) 🔺
Germany	92 (1.5) 🔺
Italy	91 (1.5) 🔺
Finland	91 (1.4) 🔺
Croatia	90 (2.9)
Chinese Taipei	86 (1.8) 🔺
Czech Republic	86 (1.6)
Russian Federation	86 (2.0) 🔺
Slovak Republic	85 (2.2)
Sweden	85 (1.6) 🔺
Norway (5)	84 (1.8)
Hungary	82 (2.4)
Singapore	82 (2.1)
International Average	81 (0.5)
Belgium (Flemish)	80 (2.2)
Denmark	77 (2.9)
Israel	76 (1.8) ▼
New Zealand	72 (2.2) ▼
Malta	70 (4.4) ▼
Qatar	69 (3.8) ▼
United Arab Emirates	65 (3.2) ▼
Kazakhstan	64 (3.1) ▼
Saudi Arabia	46 (3.6) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	91 (1.4)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



# RP41E09 (How Did We Learn to Fly?): What does photograph help you to understand Multiple Choice (Key is A)

Country	Percent Full Credit
Germany	77 (2.5)
Finland	76 (2.9)
Slovak Republic	71 (2.8)
Norway (5)	71 (3.1)
Israel	69 (2.6)
Czech Republic	69 (2.8)
Denmark	68 (2.5)
Russian Federation	68 (2.4)
Singapore	67 (2.3)
Italy	67 (2.6)
Kazakhstan	66 (3.6)
Hungary	66 (2.4)
Croatia	65 (4.4)
Lithuania	65 (3.0)
New Zealand	64 (2.2)
International Average	64 (0.6)
Sweden	63 (3.6)
Slovenia	60 (3.7)
Portugal	60 (2.4)
Saudi Arabia	58 (2.1) ▼
Malta	58 (4.6)
Belgium (Flemish)	56 (3.2) ▼
Spain	54 (2.3) ▼
Qatar	51 (3.6) <b>▼</b>
United Arab Emirates	49 (2.7) ▼
Chinese Taipei	49 (3.2) ▼
enchmarking Participants	
Moscow City, Russian Fed.	75 (2.4)

 $<sup>\</sup>blacktriangle\,$  Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E10 (How Did We Learn to Fly?): How many meters could the Bat lift a man **Constructed Response (1 Point)**

Country	Percent Full Credit
Czech Republic	100 (0.2)
Croatia	100 (0.4)
Russian Federation	99 (0.3)
Belgium (Flemish)	99 (0.4)
Singapore	99 (0.5)
Chinese Taipei	99 (0.5)
Portugal	99 (0.4)
Slovenia	99 (0.7)
Spain	99 (0.5)
Italy	99 (0.5)
Norway (5)	98 (0.8)
Finland	98 (0.6)
Hungary	98 (0.8)
Lithuania	98 (0.9)
Sweden	98 (1.0)
Denmark	97 (0.8)
International Average	97 (0.2)
Israel	97 (0.7)
Qatar	97 (1.1)
Malta	96 (2.3)
New Zealand	96 (0.9)
Kazakhstan	96 (1.2)
Slovak Republic	95 (1.5)
Germany	95 (0.7) ▼
United Arab Emirates	91 (2.0)
Saudi Arabia	89 (2.3)
enchmarking Participants	
Moscow City, Russian Fed.	100 (0.2)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

RP41E11 (How Did We Learn to Fly?): Why people stopped using war kites Multiple Choice (Key is D)

Country	Percent Full Credit
Germany	95 (1.4) 🔺
Singapore	94 (1.0)
Russian Federation	93 (1.2)
Chinese Taipei	93 (1.4)
Lithuania	93 (1.6)
Italy	92 (1.1)
Finland	92 (1.5)
Hungary	92 (1.7)
Croatia	91 (2.2)
Sweden	90 (2.0)
Czech Republic	90 (1.2)
Spain	90 (1.3)
Portugal	88 (1.3)
Slovak Republic	87 (1.8)
Malta	85 (7.0)
Denmark	85 (2.7)
International Average	84 (0.5)
Slovenia	84 (3.2)
Israel	84 (1.6)
New Zealand	82 (1.9)
Norway (5)	76 (2.9) ▼
Belgium (Flemish)	74 (2.5) ▼
Kazakhstan	73 (2.3) ▼
United Arab Emirates	63 (3.4) ▼
Qatar	62 (3.9) ▼
Saudi Arabia	51 (3.8) ▼
enchmarking Participants	
Moscow City, Russian Fed.	96 (0.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E12 (How Did We Learn to Fly?): In which country did the Wright Bros live **Constructed Response (1 Point)**

Country	Percent Full Credit
Croatia	100 (0.0)
Chinese Taipei	100 (0.2)
Sweden	100 (0.3)
Portugal	100 (0.2)
Germany	100 (0.3)
Russian Federation	100 (0.3)
Singapore	99 (0.3)
Norway (5)	99 (0.5)
Czech Republic	99 (0.4)
Slovenia	99 (0.4)
Denmark	99 (0.6)
Lithuania	98 (0.7)
Italy	98 (0.7)
Spain	97 (1.0)
Finland	97 (1.0)
Malta	97 (2.3)
New Zealand	97 (1.1)
International Average	96 (0.2)
Slovak Republic	95 (1.4)
Kazakhstan	95 (1.4)
Israel	94 (0.9) ▼
Hungary	94 (1.3) ▼
Belgium (Flemish)	93 (1.3)
Qatar	89 (2.4) ▼
United Arab Emirates	87 (1.8) ▼
Saudi Arabia	84 (2.3) ▼
enchmarking Participants	
Moscow City, Russian Fed.	100 (0.0)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E13 (How Did We Learn to Fly?): What was the successful first flight **Constructed Response (1 Point)**

Country	Percent Full Credit
Singapore	75 (2.1)
Croatia	72 (3.4)
Russian Federation	70 (2.3)
Hungary	67 (2.8)
Israel	66 (3.0)
Portugal	66 (2.8)
Denmark	65 (2.7)
Germany	65 (3.1)
Finland	64 (2.5)
Sweden	63 (2.8)
Italy	63 (3.1)
Czech Republic	60 (3.4)
International Average	59 (0.6)
Malta	59 (4.6)
Belgium (Flemish)	58 (3.1)
Spain	58 (3.3)
United Arab Emirates	56 (3.0)
Qatar	56 (3.7)
Slovenia	55 (3.8)
New Zealand	54 (2.5)
Lithuania	53 (2.7) ▼
Slovak Republic	53 (3.7)
Norway (5)	51 (3.2)
Chinese Taipei	50 (3.0) ▼
Kazakhstan	41 (3.0)
Saudi Arabia	36 (3.2) ▼
enchmarking Participants	
Moscow City, Russian Fed.	77 (2.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



RP41E14 (How Did We Learn to Fly?): How was experimental aircraft like a kite **Constructed Response (2 Points)** 

Country	Percent Full Credit	Percent at Least 1 Point
Russian Federation	46 (2.5) ▲	92 (1.3) 🔺
Portugal	41 (2.3) ▲	84 (1.7) 🔺
Belgium (Flemish)	37 (2.9) ▲	76 (2.5)
Croatia	37 (3.7) ▲	87 (3.0) 🔺
Lithuania	36 (2.4) ▲	84 (1.6)
Italy	34 (2.2) ▲	84 (1.8) 🔺
Qatar	34 (3.4)	77 (3.0)
Hungary	33 (2.7)	78 (2.4)
Slovak Republic	33 (3.5)	79 (2.6)
Slovenia	32 (3.6)	79 (2.2)
Finland	32 (2.1)	83 (2.1) 🔺
Norway (5)	30 (3.3)	80 (2.9)
Czech Republic	30 (3.2)	77 (2.0)
International Average	29 (0.6)	77 (0.5)
Chinese Taipei	28 (2.5)	86 (2.0)
Kazakhstan	28 (2.8)	74 (2.6)
Germany	28 (3.7)	67 (3.3) ▼
Sweden	26 (2.1)	84 (1.8) 🔺
Israel	25 (2.3)	79 (1.9)
Denmark	25 (2.6)	78 (2.3)
New Zealand	22 (2.5) ▼	72 (2.9) ▼
Singapore	22 (1.7) ▼	78 (2.7)
Spain	21 (2.9) ▼	75 (2.9)
Malta	21 (4.9)	79 (2.5)
United Arab Emirates	17 (2.2) ▼	60 (3.2) ▼
Saudi Arabia	12 (3.0) ▼	41 (4.2) ▼
enchmarking Participants		
Moscow City, Russian Fed.	49 (2.6) ▲	94 (1.1) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E15 (How Did We Learn to Fly?): What year was the Wright Bros first flight **Constructed Response (1 Point)**

Country	Percent Full Credit
Czech Republic	99 (0.7)
Russian Federation	98 (0.7)
Lithuania	98 (0.8)
Hungary	98 (0.6)
Portugal	97 (1.0)
Finland	97 (0.8)
Croatia	96 (1.9)
Norway (5)	96 (1.3)
Sweden	96 (1.1)
Italy	96 (1.1)
Singapore	95 (1.2)
Germany	95 (1.3)
Slovak Republic	95 (1.3)
Kazakhstan	95 (1.8)
International Average	94 (0.3)
Spain	94 (1.5)
Chinese Taipei	94 (1.3)
Israel	94 (1.4)
New Zealand	93 (1.4)
Slovenia	92 (1.7)
Denmark	92 (1.6)
Belgium (Flemish)	92 (1.1)
Malta	92 (2.8)
Qatar	91 (1.7)
United Arab Emirates	85 (2.5)
Saudi Arabia	80 (2.8)
enchmarking Participants	
Moscow City, Russian Fed.	99 (0.5)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E16 (How Did We Learn to Fly?): Put inventions in order **Constructed Response (1 Point)**

Country	Percent Full Credit
Singapore	90 (1.7) 🔺
Chinese Taipei	89 (1.5) 🔺
Russian Federation	88 (1.8) 🔺
Czech Republic	87 (2.3) 🔺
Hungary	86 (2.4) ▲
Lithuania	86 (1.6) 🔺
Portugal	81 (2.1) 🔺
Germany	81 (2.2) 🔺
Croatia	81 (2.9)
Finland	81 (2.1) 🔺
Italy	80 (2.0)
Malta	79 (3.0)
Spain	77 (2.3)
International Average	76 (0.5)
Denmark	76 (2.7)
Slovenia	74 (2.5)
Israel	74 (2.3)
Norway (5)	74 (2.0)
Slovak Republic	74 (2.7)
Belgium (Flemish)	73 (2.4)
Qatar	70 (3.4) ▼
Sweden	68 (2.3) ▼
New Zealand	67 (2.5) ▼
Kazakhstan	66 (3.4) ▼
United Arab Emirates	62 (3.5) ▼
Saudi Arabia	48 (4.0) ▼
Benchmarking Participants	
Moscow City, Russian Fed.	92 (1.3) 🔺

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.



#### RP41E17 (How Did We Learn to Fly?): What is main idea of the article Multiple Choice (Key is D)

Country	Percent Full Credit
Russian Federation	91 (1.4)
Lithuania	88 (1.6)
Germany	87 (2.1)
Chinese Taipei	87 (2.0)
Czech Republic	85 (1.9)
Italy	84 (1.6)
Denmark	83 (2.0)
Singapore	83 (2.3)
Sweden	83 (1.9)
Croatia	81 (2.8)
Finland	81 (2.3)
Norway (5)	80 (2.7)
Slovenia	80 (2.5)
Portugal	79 (2.4)
New Zealand	77 (1.7)
International Average	77 (0.6)
Hungary	77 (2.8)
Slovak Republic	75 (3.3)
Qatar	71 (2.9)
United Arab Emirates	70 (2.8)
Israel	68 (2.5) ▼
Spain	65 (3.2) ▼
Malta	65 (8.4)
Kazakhstan	61 (1.7) ▼
Belgium (Flemish)	60 (3.3) ▼
Saudi Arabia	57 (4.1) ▼
enchmarking Participants	
Moscow City, Russian Fed.	95 (0.9)

<sup>▲</sup> Percent significantly higher than international average

<sup>▼</sup> Percent significantly lower than international average

<sup>( )</sup> Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.