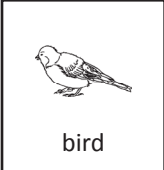
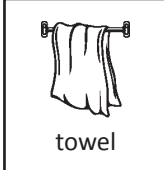



Science




Grade 5

Scoring Protocol


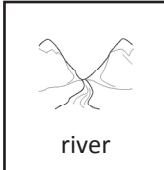
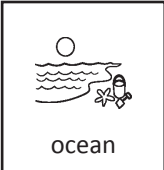
2017-2018

Item 1	Option:	A	B	C	Correct	Scoring (0/1)
L - Here is some spilled water. (Point to spilled cup of water.) What would help you clean up the water: a bird, a towel, or a ball?					b	

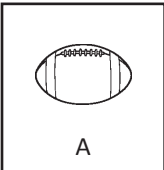
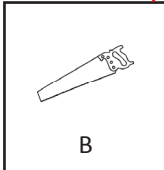
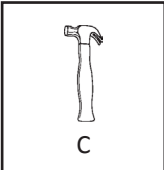
Scoring: 0 = incorrect; 1 = correct

Item 2	Option:	A	B	C	Correct	Scoring (0/1)
M - Here is a fish. (Point to the fish.) Which is a smaller part of the fish: fin, plant or bicycle?					a	

Scoring: 0 = incorrect; 1 = correct

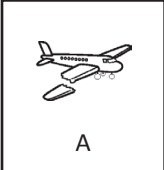
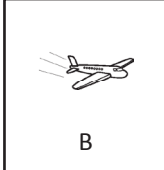
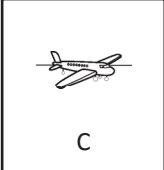
Item 3	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a tree. (Point to tree in prompt.) Which habitat is made of trees: forest, river, or ocean?					a	

Scoring: 0 = incorrect; 1 = correct

Item 4	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a tree. (Point to prompt.) Which tool will help cut down the tree: A, B, or C?					b	


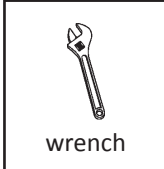

words substituted for pictures

Scoring: 0 = incorrect; 1 = correct

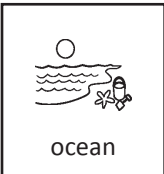

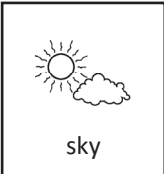
Item 5	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are three pictures. (Point to answer choices.) Which airplane has a problem: A, B, or C?					a	

question omitted

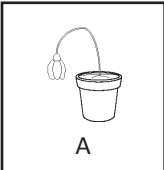
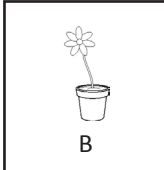
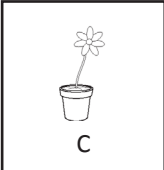
Scoring: 0 = incorrect; 1 = correct

Item 6	Option:	A	B	C	Correct	Scoring (0/1)
H - Cindy is making a cake. (Point to prompt.) Which tool should Cindy use to help make the cake: mixer, wrench, or flashlight?					a	


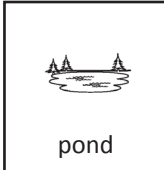

Scoring: 0 = incorrect; 1 = correct

Item 7	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are fox hunting mice to eat. (Point to prompt.) Where will the foxes find mice to eat: ocean, forest, or sky?						
					b	
		ocean	forest	sky		


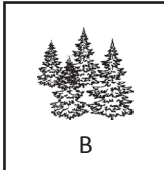
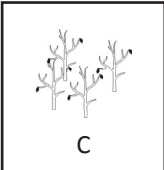
Scoring: 0 = incorrect; 1 = correct

Item 8	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are some plants. (Point to answer choices.) Which plant did not get enough sunlight and water: A, B, or C?						
					a	
		A	B	C		

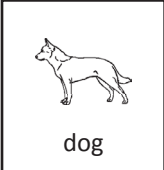
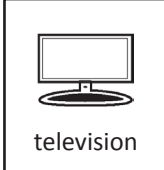

Scoring: 0 = incorrect; 1 = correct

Item 9	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are three pictures. (Point to student materials.) Which shows an Earth feature that is made of water: forest, pond, or mountain?						
					b	
		forest	pond	mountain		


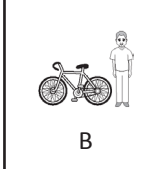
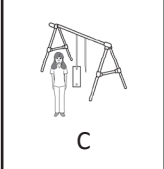
Scoring: 0 = incorrect; 1 = correct

Item 10	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are some forests. (Point to student materials.) Which forest gets healthy amounts of sunlight, air, and water: A, B, or C?						
					b	
		A	B	C		




Scoring: 0 = incorrect; 1 = correct

Item 11	Option:	A	B	C	Correct	Scoring (0/1)
L - Here are three pictures. (Point to answer choices.) Which eats food to live: dog, television, or book?						
					a	
		dog	television	book		




Scoring: 0 = incorrect; 1 = correct

Item 12	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are three people. (Point to answer choices.) Sometimes people need help solving problems. Who needs help solving a problem: A, B, or C?						
					c	
		A	B	C		




Scoring: 0 = incorrect; 1 = correct

Item 13	Option:	A	B	C	Correct	Scoring (0/1)
L - Here are three objects. (Point to student materials.) Which gives the Earth light: a clock, the Sun, or person?		 clock	 Sun	 person	b	




Scoring: 0 = incorrect; 1 = correct

Item 14	Option:	A	B	C	Correct	Scoring (0/1)
M - Here is a fox. (Point to the fox.) Which does a fox eat to survive: scissors, rabbit, or tree?		 scissors	 rabbit	 tree	b	




Scoring: 0 = incorrect; 1 = correct

Item 15	Option:	A	B	C	Correct	Scoring (0/1)
L - Here is a tree. (Point to tree in prompt.) Which is needed for the tree to grow: dog, the Sun, or shovel?		 dog	 Sun	 shovel	b	

Scoring: 0 = incorrect; 1 = correct

Item 16	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are three pictures. (Point to answer choices.) Which could help you wash your hands: fork and spoon, hairbrush and mirror, or soap and faucet?		 fork and spoon	 hairbrush and mirror	 soap and faucet	c	

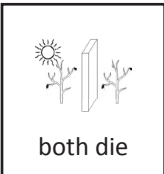
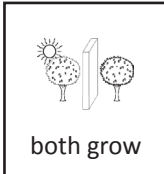

Scoring: 0 = incorrect; 1 = correct

Item 17	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are three pictures. (Point to answer choices.) Where in the atmosphere does rain come from: rocks, clouds, or streams?		 rocks	 clouds	 streams	b	

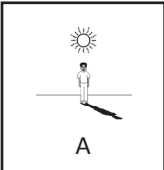
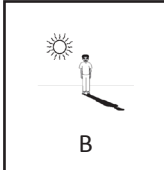
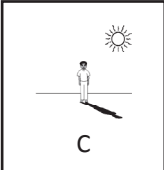
Scoring: 0 = incorrect; 1 = correct

Item 18	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a graph. (Point to graph.) Which metal is the softest: copper, iron, or lead?		copper	iron	lead	c	

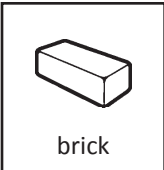


Scoring: 0 = incorrect; 1 = correct

Item 19	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are two trees. (Point to trees.) What will happen if only one tree gets sunlight: both will die, both will grow, or one will grow?		 both die	 both grow	 one grows	c	


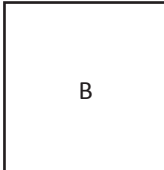
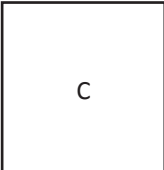
Scoring: 0 = incorrect; 1 = correct

Item 20	Option:	A	B	C	Correct	Scoring (0/1)
H - It is late afternoon and Tom sees his shadow. (Point to prompt.) Which picture shows where the Sun would likely be: A, B, or C?	question omitted	 A	 B	 C	b	

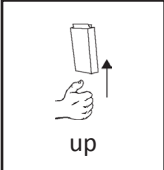
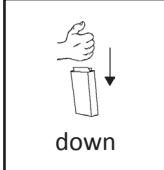
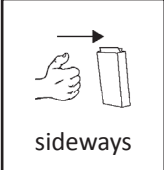
Scoring: 0 = incorrect; 1 = correct

Item 21	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are three pictures. (Point to student materials.) Which is hardest: a brick, ice cream, or dandelion?		 brick	 ice cream	 dandelion	a	

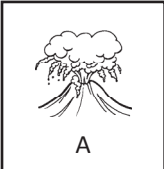
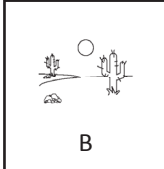
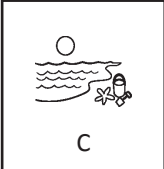
Scoring: 0 = incorrect; 1 = correct

Item 22	Option:	A	B	C	Correct	Scoring (0/1)
H - This is the Earth and Sun. (Point to prompt.) Where is it daytime on the Earth: A, B, or C?	question omitted	 A	 B	 C	c	



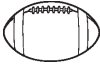
Scoring: 0 = incorrect; 1 = correct

Item 23	Option:	A	B	C	Correct	Scoring (0/1)
M - Here is a book. (Point to student materials.) If you drop a book, what direction will gravity force it: up, down, or sideways?		 up	 down	 sideways	b	




Scoring: 0 = incorrect; 1 = correct

Item 24	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are three Earth features. (Point to answer choices.) Which shows lava erupting from a volcano: A, B, or C?	question omitted	 A	 B	 C	a	




Scoring: 0 = incorrect; 1 = correct

Item 25	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are three objects. (Point to answer choices.) Which gives off the most light: cloud, Sun, or football?		 clouds	 Sun	 football	b	




Scoring: 0 = incorrect; 1 = correct

Item 26	Option:	A	B	C	Correct	Scoring (0/1)
M - This person is too short to reach the box. (Point to prompt.) What is the best way to get the box: stepstool, baseball, or rope?		 stepstool	 baseball	 rope	a	




Scoring: 0 = incorrect; 1 = correct

Item 27	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are three objects. (Point to answer choices.) Which is rectangular: water molecule, animal cell, or plant cell?		 water molecule	 animal cell	 plant cell	c	




Scoring: 0 = incorrect; 1 = correct

Item 28	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a bottle of milk and a cup of coffee. (Point to the milk and coffee.) Which shows a mixture of milk and coffee: A, B, or C?	question omitted	 A	 B	 C	c	




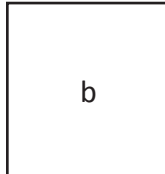
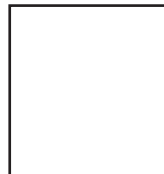
Scoring: 0 = incorrect; 1 = correct

Item 29	Option:	A	B	C	Correct	Scoring (0/1)
M - Here is a deer. (Point to the deer.) Which of these does the deer eat to survive: berries, rocks, or wolves?		 berries	 rocks	 wolves	a	


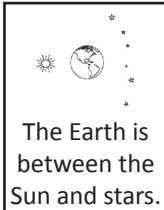

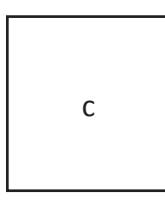
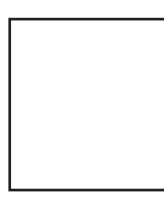
Scoring: 0 = incorrect; 1 = correct

Item 30	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a can of frozen apple juice, and a pitcher of water. (Point to can and water.) Which shows a mixture of frozen juice and water: A, B, or C?	question omitted	 A	 B	 C	b	




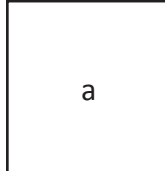

Scoring: 0 = incorrect; 1 = correct

Item 31	Option:	A	B	C	Correct	Scoring (0/1)
H - This is a graph showing the hardness of three different metals. (Point to graph.) Which metal is the hardest: copper, iron, or lead?						

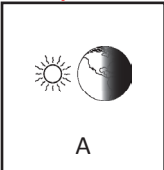
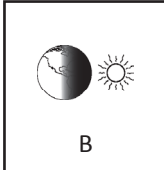
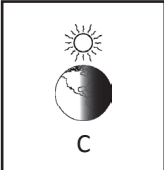
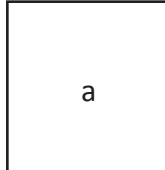
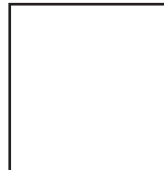
Scoring: 0 = incorrect; 1 = correct

Item 32	Option:	A	B	C	Correct	Scoring (0/1)
H - Here are three pictures. (Point to answer choices.) Why is the Sun brighter than other stars during the day: the Earth is closer to other stars, the Earth is between the Sun and stars, or the Earth is closer to the Sun?		 The Earth is closer to other stars.	 The Earth is between the Sun and stars.	 The Earth is closer to the Sun.		

Scoring: 0 = incorrect; 1 = correct


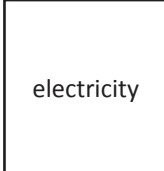
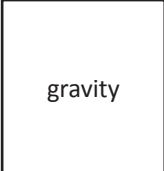
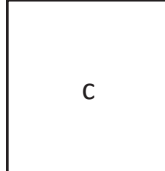

Item 33	Option:	A	B	C	Correct	Scoring (0/1)
H - The Sun is the closest star to the Earth. (Point to Sun.) Compared to other stars, which is the Sun: brighter, darker, or greener?						

Scoring: 0 = incorrect; 1 = correct

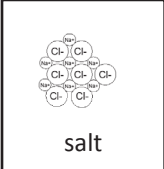
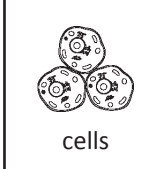
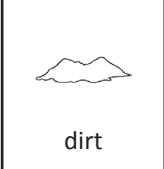
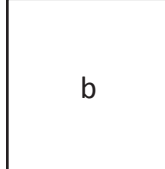

Item 34	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is the Earth. (Point to prompt.) Which shows where the Sun would be: A, B, or C?		 A	 B	 C		

question omitted

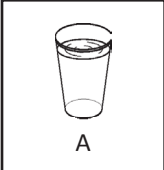
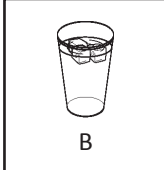
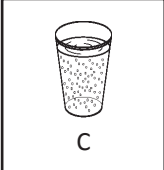
Scoring: 0 = incorrect; 1 = correct

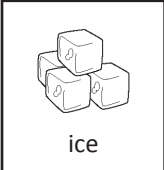
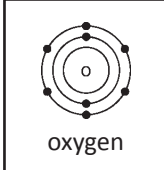

Item 35	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a dog. (Point to dog.) What is the force that keeps the dog on the ground: speed, electricity, or gravity?						




Scoring: 0 = incorrect; 1 = correct

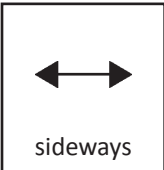
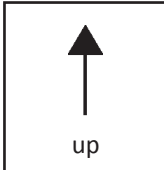
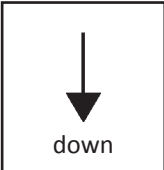
Item 36	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a flower. (Point to the flower.) Which is the flower made of: salt, cells, or dirt?		 salt	 cells	 dirt		




Scoring: 0 = incorrect; 1 = correct


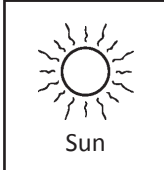

Item 37	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is some carbon dioxide and some water. (Point to prompt.) Which shows a mixture of carbon dioxide and water: A, B, or C?	question omitted				c	
Scoring: 0 = incorrect; 1 = correct						

Item 38	Option:	A	B	C	Correct	Scoring (0/1)
H - Here is a molecule of water. (Point to prompt.) Which is part of water: ice, oxygen, or fire?					b	
Scoring: 0 = incorrect; 1 = correct						

Item 39	Option:	A	B	C	Correct	Scoring (0/1)
M - Here is a cat. (Point to cat.) What does this cat need to survive: dog, air, or books?					b	
Scoring: 0 = incorrect; 1 = correct						

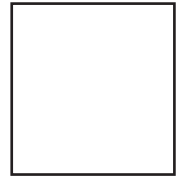
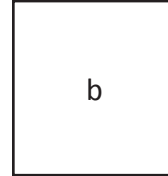
Item 40	Option:	A	B	C	Correct	Scoring (0/1)
L - This is a ball. (Point to ball in prompt.) Which direction will the ball go when dropped: sideways, up, or down?					c	
Scoring: 0 = incorrect; 1 = correct						

Item 41	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are three activities. (Point to student materials.) Which activity protects the Earth: recycling, reading, or swinging?					a	
Scoring: 0 = incorrect; 1 = correct						

Item 42	Option:	A	B	C	Correct	Scoring (0/1)
M - Here are three objects. (Point to answer choices.) Which gives off the most light: stop sign, Sun, or street light?					b	
Scoring: 0 = incorrect; 1 = correct						

Item 43 Option: A B C Correct Scoring (0/1)

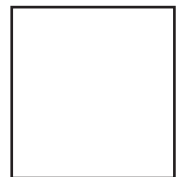
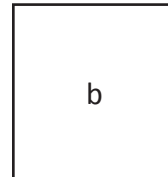
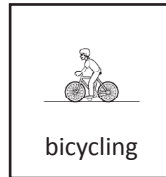
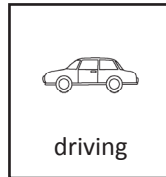
H - Here are three pictures. (Point to answer choices.) Which protects the environment: cutting trees, recycling bottles, or burning trash?



Scoring: 0 = incorrect; 1 = correct

Item 44 Option: A B C Correct Scoring (0/1)

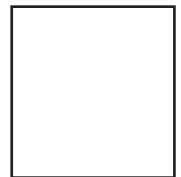
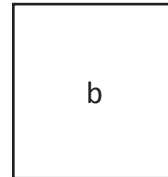
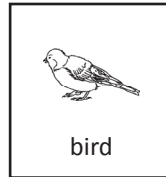
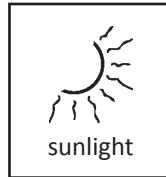
H - Here are three activities. (Point to answer choices.) Which can harm the Earth: recycling, driving a car, or bicycling?



Scoring: 0 = incorrect; 1 = correct

Item 45 Option: A B C Correct Scoring (0/1)

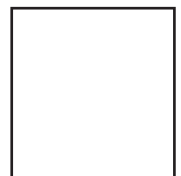
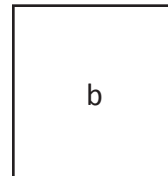
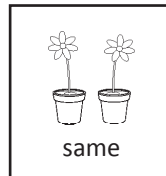
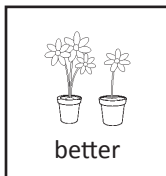
H - Here is a tree. (Point to student materials.) Which gives energy for a tree to grow: water, sunlight, or a bird?



Scoring: 0 = incorrect; 1 = correct

Item 46 Option: A B C Correct Scoring (0/1)

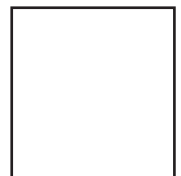
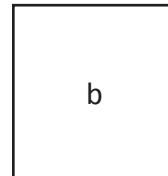
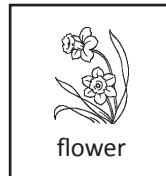
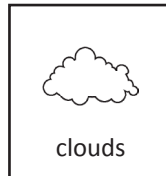
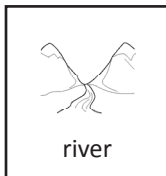
H - Here are two healthy plants. (Point to prompt.) How will the plant grow if covered by a box: better, worse, or the same?



Scoring: 0 = incorrect; 1 = correct

Item 47 Option: A B C Correct Scoring (0/1)

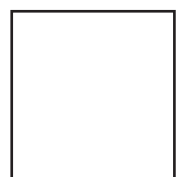
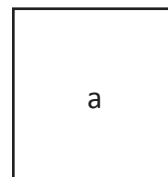
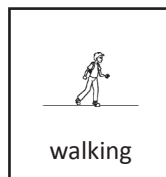
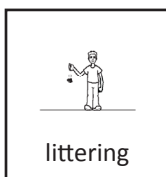
M - Here are three pictures. (Point to student materials.) Which is part of the Earth's atmosphere: river, clouds, or flower?



Scoring: 0 = incorrect; 1 = correct

Item 48 Option: A B C Correct Scoring (0/1)

L - Here are three activities. (Point to student materials.) Which harms the Earth: littering, walking, or playing?



Scoring: 0 = incorrect; 1 = correct