IEA - Data Enhancement Project Codebook page 1 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS

Position: 1- 4 (F4.0)

Value	Label
360	AUS
1242	CAN_E
1243	CAN_F
1560	CHN
2460	FIN
2880	GHA
3440	HKG
3446	HKG_6
3447	HKG_7
3480	HUN
3760	ISR
3800	ITA
3920	JPN
4100	KOR
5280	NLD
5660	NGA
5780	NOR
5980	PNG
6080	PHL
6160	POL
7020	SGP
	SWE
7521	SWE_1
7522	SWE_2
7160	ZWE
7640	THA
8263	GBREN
8401	USA_1
8402	USA_2

IEA - Data Enhancement Project Codebook page Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS

ID_ES_AI IEA_DEP/ALPHANUMERIC COUNTRY ISO CODE Position: 5- 9 (A5)

> Value Label

AUS Australia

CAN_E Canada (English)
CAN_F Canada (French)
CHN China
FIN Finland FIN Finland
GBREN UK (England)
GHA Ghana
HKG Hong Kong
HKG_6 Hong Kong (6)
HKG_7 Hong Kong (7)
HUN Hungary
ISR Israel

ISR Israel
ITA Italy
JPN Japan
KOR Korea, Republic of
NLD Netherlands
NGA Nigeria
NOR Norway
PNG Papua New Guinea
PHL Philippines
POL Poland
SGP Singapore
SWE Sweden
SWE_1 Sweden (A)
SWE_2 Sweden (B)
THA Thailand
USA_1 United States (A)
USA_2 United States (B)
ZWE Zimbabwe

```
Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS
CNTRYNUM COUNTRY NUMBER
       Position: 10- 11 (F2.0)
        Value
              Label
          10
             Australia
          16 Canada (French)
          18 Canada (English)
          20 China
          22 UK (England)
             Finland
          24
          26
              Ghana
              Hong Kong
          30
              Hungary
          32
          34
              Israel
             Italy
          36
          38
              Japan
              Korea
          40
             Netherlands
          44
             Nigeria
          48
             Norway
          50
             Papua New Guinea
          52
             Philippines
          54
             Poland
          56
          60 Singapore
66 Sweden (A,B)
70 Thailand
72 United States (A,B)
          74
             Zimbabwe
Meas_class: N
POPN POPULATION
                                                   4
       Position: 12- 12 (F1.0)
       Value Label
               I (10-year olds)
           1
               II (14-year olds)
           3 III (preuniversity)
Level id: Std name: ID POP
                                      Meas class: N
Level_id: Std_name: ID_POP meas_crass.

Var_type: ID Quest_loc: Val_key: Quest_type:
_____
STRATUM STRATUM NUMBER
                                                   5
       Position: 13- 14 (F2.0)
Level_id: SM Std_name: ID_SM_N
                                      Meas_class: N
```

IEA - Data Enhancement Project Codebook

page 3

IEA - Data Enhancement Project Codebook page 4 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS SCHOOL SCHOOL NUMBER Position: 15- 19 (F5.0) Level_id: SC Std_name: ID_SC_N Meas_class: Var_type: ID Quest_loc: Val_key: Quest_type: Meas_class: N ______ CLASS NUMBER
Position: 20- 21 (F2.0) Level_id: CL Std_name: ID_CL_N Meas_class: Var_type: ID Quest_loc: Val_key: Quest_type: Meas_class: N _____ STUDENT STUDENT NUMBER Position: 22- 23 (F2.0) Meas_class: N Level_id: ST Std_name: ID_ST_N STRWGT STRATUM WEIGHT Position: 24- 31 (F8.6) Level_id: SM Std_name: WT_SM Meas_class: Var_type: WT Quest_loc: Val_key: Quest_type: Meas_class: N TEST1A TOOK TEST 1A 10 Position: 32- 32 (F1.0) Value Label 1 yes taken
2 not taken 8 .A not ascertained Level_id: ST Std_name: FL_TST1A Meas_class: N Level_id: ST Std_name: FL_TSTIA Meas_Class.

Var_type: FL Quest_loc: Val_key: Quest_type: TEST1B TOOK TEST 1B 11 Position: 33- 33 (F1.0) Value Label 1 yes taken
2 not taken 8 .A not ascertained Level_id: ST Std_name: FL_TST1B Meas_class: N Var_type: FL Quest_loc: Val_key: Quest_type:

IEA - Data Enhancement Project Codebook page 5 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS TOOK TEST 1C TEST1C 12 Position: 34- 34 (F1.0) Value Label 1 yes taken
2 not taken 1 8 .A not ascertained Level_id: ST Std_name: FL_TST1C Var_type: FL Quest_loc: Meas_class: N Val_key: Quest_type: ______ TOOK TEST 1D TEST1D 13 Position: 35- 35 (F1.0) Value Label 1 yes taken
2 not taken 8 .A not ascertained Level_id: ST Std_name: FL_TST1D Meas_class: Var_type: FL Quest_loc: Val_key: Quest_type: Meas_class: N PROCESS TOOK PROCESS ITEMS 14 Position: 36- 36 (F1.0) Value Label 1 1 yes taken
2 not taken 8 .A not ascertained Level_id: ST Std_name: FL_PRS Meas_class: Var_type: FL Quest_loc: Val_key: Quest_type: Meas_class: N _____ AGE OF STUDENT IN MONTHS AGE 15 Position: 37- 39 (F3.0) Value Label 998 .A not ascertained 999 .O missing data Level_id: ST Std_name: ASBAGE Meas_class: I
Var_type: BG Quest_loc: 1 Val_key: Quest_type: FR

IEA - Data Enhancement Project Codebook page 6 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS SEX OF STUDENT SEX 16 Position: 40- 40 (F1.0) Value Label boygirl 1 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBSEX Meas_class: N Var_type: BG Quest_loc: 2 Val_key: Quest_type: MC ______ FAMSIZE NUMBER OF BROTHERS AND SISTERS 17 Position: 41- 41 (F1.0) Value Label 1 zero one 2 3 two three four or more 4 5 8 .A not ascertained 9 .0 missing data Meas_class: 0 Level_id: ST Std_name: ASBBRSIS Var_type: BG Quest_loc: 3 Val_key: Quest_type: MC _____ GRADE OF STUDENT (INTL YEAR LEVEL) 18 YEAR Position: 42- 43 (F2.0) Value Label grade 3 3 4 grade 4 5 grade 5 grade 6 98 .A not ascertained 99 .0 missing data Var_type: BG Quest_loc: 4 Val_key: Meas_class: 0 _____

Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS CLS1BOYS SCIENCE CLASS/N OF MALE STUDENTS 19 Position: 44- 45 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBSCLSM Meas_class: R Var_type: BG Quest_loc: 5/A Val_key: Quest_type: FR ______ CLS1GIRL SCIENCE CLASS/N OF FEMALE STUDENTS 20 Position: 46- 47 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Meas_class: R Level_id: ST Std_name: ASBSCLSF Var_type: BG Quest_loc: 5/B Val_key: Quest_type: FR CLS1TCHR SCIENCE CLASS/TEACHER ID 21 Position: 48- 50 (F3.0) Value Label 998 .A not ascertained 999 .O missing data Level_id: ST Std_name: ASBSCLST Meas_class: N Var_type: BG Quest_loc: 6 Val_key: Quest_type: FR ______ MARKSCI SCIENCE MARKS VS OTHER MARKS 22 Position: 51- 51 (F1.0) Value Label 1 better 2 average 3 worse 8 .A not ascertained 9 .0 missing data Level id: ST Std name: ASBMARKS Meas class: N Lever_ia: ST Sta_name: ASBMARKS Meas_class: N
Var_type: BG Quest_loc: 7 Val_key: Quest_type: MC

IEA - Data Enhancement Project Codebook

page 7

Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS MARKMATH MATHEMATICS MARKS VS OTHER MARKS 23 Position: 52- 52 (F1.0) Value Label 1 better average worse 2 3 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBMARKM Meas_class: N Var_type: BG Quest_loc: 8 Val_key: Quest_type: MC ______ LIKESCI LIKE SCIENCE VS OTHER SUBJECTS 24 Position: 53- 53 (F1.0) Value Label more 1 about the same less 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBLIKES Meas_class: N Var_type: BG Quest_loc: 9 Val_key: Quest_type: MC LIKEMATH LIKE MATHEMATICS VS OTHER SUBJECTS 25 Position: 54- 54 (F1.0) Value Label 1 more
2 about the same 3 less 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBLIKEM Meas_class: N Level_id: ST Std_name: ASBLIKEM meas_class: N Var_type: BG Quest_loc: 10 Val_key: Quest_type: MC ______ FOCC FATHER'S OCCUPATION 26 Position: 55- 56 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBFOCCU Level_id: ST Std_name: ASBFOCCU Meas_class: N Var_type: BG Quest_loc: 11-12 Val_key: Quest_type: OE Meas_class: N

IEA - Data Enhancement Project Codebook

page 8

IEA - Data Enhancement Project Codebook page 9 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS FATHER'S SECONDARY EDUCATION 27 Position: 57- 58 (F2.0) Label Value 1 before grade 10 grade 10 2 3 grade 11 4 grade 12 98 .A not ascertained 99 .O missing data Level_id: ST Std_name: ASBFSEDU Meas_class: 0 _____ FPOSTED FATHER'S POST SECONDARY EDUCATION 28 Position: 59- 59 (F1.0) Value Label no further 1 1-2 years 3-4 years more than 4 years 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBFPEDU Meas_class: 0 Var_type: BG Quest_loc: 14 Val_key: Quest_type: MC MOCC MOTHER'S OCCUPATION 29 Position: 60- 61 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBMOCCU Meas_class: N Var_type: BG Quest_loc: 15-16 Val_key: Quest_type: OE

Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS MOTHER'S SECONDARY EDUCATION 30 Position: 62- 63 (F2.0) Value Label before grade 10 1 grade 10 2 3 grade 114 grade 12 98 .A not ascertained 99 .O missing data Level_id: ST Std_name: ASBMSEDU Meas_class: 0 Var_type: BG Quest_loc: 17 Val_key: Quest_type: MC ______ MPOSTED MOTHER'S POST SECONDARY EDUCATION Position: 64- 64 (F1.0) Value Label no further 1 1-2 years 2 3-4 years more than 4 years 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBMPEDU Meas_class: 0 Var_type: BG Quest_loc: 18 Val_key: Quest_type: MC CNTRY COUNTRY OF BIRTH/STUDENT 32 Position: 65- 66 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBCNTB Meas_class: N Var_type: BG Quest_loc: 19 Val_key: Quest_type: FR _____ FCNTRY COUNTRY OF BIRTH/FATHER 33 Position: 67- 68 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBCNTBF Meas_class: N Var_type: BG Quest_loc: 20 Val_key: Quest_type: FR

IEA - Data Enhancement Project Codebook

page 10

IEA - Data Enhancement Project Codebook page 11 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS MCNTRY COUNTRY OF BIRTH/MOTHER 34 Position: 69- 70 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBCNTBM Meas_class: N ______ YRSCNTRY YEARS LIVED IN country 35 Position: 71- 72 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Meas_class: R Level_id: ST Std_name: ASBCNTYR Var_type: BG Quest_loc: 22 Val_key: Quest_type: FR HOMELANG LANGUAGE OF HOME 36 Position: 73- 74 (F2.0) Value Label 98 .A not ascertained 99 .0 missing data Level_id: ST Std_name: ASBUSLAN Meas_class: N Var_type: BG Quest_loc: 23 Val_key: Quest_type: FR HOMEBOOK NUMBER OF BOOKS AT HOME 37 Position: 75- 75 (F1.0) Value Label 1-10 1 2 11-25 3 26-100 4 101-250 5 251-500 more than 500 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBBOOKS Meas_class: N Var_type: BG Quest_loc: 24 Val_key: Quest_type: MC

IEA - Data Enhancement Project Codebook page 12 Study: SC2 Population: 1 Instrument: STSTU1 Datafile: SC21ALLS

38

DICTUSE USE OF DICTIONARY

Position: 76- 76 (F1.0)

Value Label

often 1

- 2 occasionally 3 never
- 8 .A not ascertained
- 9 .0 missing data

Level_id: ST Std_name: ASBDICT Meas_class: N Var_type: BG Quest_loc: 25 Val_key: Quest_type: MC _____

IEA - Data Enhancement Project Codebook page 13 Study: SC2 Population: 1 Instrument: STATT1 Datafile: SC21ALLS P1ATT01 SCIENCE ENJOYABLE SUBJECT 39 Position: 77- 77 (F1.0) Value Label 1 agree 2 disagree3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT01 Meas_class: N Var_type: BG Quest_loc: 1 Val_key: Quest_type: MC ______ P1ATT02 SCHOOL CHALLENGING 40 Position: 78- 78 (F1.0) Value Label agree 1 disagree uncertain 8 .A not ascertained 9 .0 missing data Meas_class: N Level_id: ST Std_name: ASBATT02 Var_type: BG Quest_loc: 2 Val_key: Quest_type: MC P1ATT03 SCIENTIFIC INVENTIONS IMPROVE STANDARDS 41 Position: 79- 79 (F1.0) Value Label 1 agree 2 disagree 3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT03 Meas_class: N ______

IEA - Data Enhancement Project Codebook page 14 Study: SC2 Population: 1 Instrument: STATT1 Datafile: SC21ALLS P1ATT04 DISLIKE SCHOOL WORK 42 Position: 80- 80 (F1.0) Value Label 1 agree 2 disagree3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT04 Meas_class: N Var_type: BG Quest_loc: 4 Val_key: Quest_type: MC ______ P1ATT05 SCIENCE RUINED ENVIRONMENT 43 Position: 81- 81 (F1.0) Value Label agree 1 disagree uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT05 Meas_class: N Var_type: BG Quest_loc: 5 Val_key: Quest_type: MC P1ATT06 SCHOOL SCIENCE INTERESTING 44 Position: 82- 82 (F1.0) Value Label 1 agree 2 disagree 3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT06 Meas_class: N ______

IEA - Data Enhancement Project Codebook page 15 Study: SC2 Population: 1 Instrument: STATT1 Datafile: SC21ALLS P1ATT07 SCHOOL NOT ENJOYABLE 45 Position: 83- 83 (F1.0) Value Label 1 agree 2 disagree3 uncertain 8 .A not ascertained 9 .0 missing data ______ P1ATT08 SCIENCE DIFFICULT SUBJECT 46 Position: 84- 84 (F1.0) Value Label agree 1 disagree uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT08 Meas_class: N Var_type: BG Quest_loc: 8 Val_key: Quest_type: MC P1ATT09 WANT MUCH EDUCATION 47 Position: 85- 85 (F1.0) Value Label 1 agree2 disagree 3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT09 Meas_class: N ______

IEA - Data Enhancement Project Codebook page 16 Study: SC2 Population: 1 Instrument: STATT1 Datafile: SC21ALLS P1ATT10 SCIENCE HELPS WORLD BETTER FUTURE 48 Position: 86- 86 (F1.0) Value Label 1 agree 2 disagree3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT10 Meas_class: N Var_type: BG Quest_loc: 10 Val_key: Quest_type: MC ______ P1ATT11 ENJOY EVERYTHING AT SCHOOL 49 Position: 87- 87 (F1.0) Value Label agree 1 disagree uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT11 Meas_class: N Var_type: BG Quest_loc: 11 Val_key: Quest_type: MC P1ATT12 SCIENTIFIC DISCOVERIES DO HARM 50 Position: 88- 88 (F1.0) Value Label 1 agree 2 disagree 3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT12 Meas_class: N Level_id: ST Std_name: ASBATT12 Meas_class: N Var_type: BG Quest_loc: 12 Val_key: Quest_type: MC ______

IEA - Data Enhancement Project Codebook page 17 Study: SC2 Population: 1 Instrument: STATT1 Datafile: SC21ALLS P1ATT13 BORED AT SCHOOL 51 Position: 89- 89 (F1.0) Value Label 1 agree 2 disagree3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT13 Meas_class: N Var_type: BG Quest_loc: 13 Val_key: Quest_type: MC ______ P1ATT14 TOO MANY FACTS IN SCIENCE 52 Position: 90- 90 (F1.0) Value Label agree 1 disagree uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT14 Meas_class: N Var_type: BG Quest_loc: 14 Val_key: Quest_type: MC P1ATT15 SCI IMPORTANT FOR COUNTRY DEVELOPMENT 53 Position: 91- 91 (F1.0) Value Label 1 agree 2 disagree 3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT15 Meas_class: N _____

IEA - Data Enhancement Project Codebook page 18 Study: SC2 Population: 1 Instrument: STATT1 Datafile: SC21ALLS P1ATT16 DONT LIKE MANY SUBJECTS 54 Position: 92- 92 (F1.0) Value Label 1 agree 2 disagree3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT16 Meas_class: N Var_type: BG Quest_loc: 16 Val_key: Quest_type: MC ______ P1ATT17 SPEND MORE ON SCIENCE RESEARCH Position: 93- 93 (F1.0) Value Label agree 1 disagree uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT17 Meas_class: N Var_type: BG Quest_loc: 17 Val_key: Quest_type: MC P1ATT18 SCHOOL MOST ENJOYABLE 56 Position: 94- 94 (F1.0) Value Label 1 agree2 disagree 3 uncertain 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBATT18 Meas_class: N ______

IEA - Data Enhancement Project Codebook page 19 Study: SC2 Population: 1 Instrument: STDES1 Datafile: SC21ALLS P1DES01 USE TEXTBOOK 57 Position: 95- 95 (F1.0) Value Label 1 Often Sometimes Never 2 3 8 .A not ascertained 9 .O missing data ______ P1DES02 USE LIBRARY BOOKS 58 Position: 96- 96 (F1.0) Value Label 1 Often 2 Sometimes Never 8 .A not ascertained 9 .0 missing data Meas_class: 0 Level_id: ST Std_name: ASBDES02 Var_type: BG Quest_loc: 2 Val_key: Quest_type: MC P1DES03 CHOOSE TOPICS FOR STUDY 59 Position: 97- 97 (F1.0) Value Label 1 Often
2 Sometimes 3 Never 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBDES03 Meas_class: 0 Level_id: ST Std_name: ASBDESU3 meas_crass. O
Var_type: BG Quest_loc: 3 Val_key: Quest_type: MC _____

IEA - Data Enhancement Project Codebook page 20 Study: SC2 Population: 1 Instrument: STDES1 Datafile: SC21ALLS P1DES04 TEACHER USES IDEAS 60 Position: 98- 98 (F1.0) Value Label 1 Often Sometimes Never 2 3 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASBDES04 Meas_class: 0 Var_type: BG Quest_loc: 4 Val_key: Quest_type: MC ______ P1DES05 WATCH TEACHER EXPERIMENTS 61 Position: 99- 99 (F1.0) Value Label Often Sometimes 1 Never 8 .A not ascertained 9 .0 missing data Meas_class: 0 Level_id: ST Std_name: ASBDES05 Var_type: BG Quest_loc: 5 Val_key: Quest_type: MC P1DES06 SCIENCE LESSONS INTERESTING 62 Position: 100- 100 (F1.0) Value Label 1 Often
2 Sometimes 3 Never 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBDES06 Meas_class: 0 Var_type: BG Quest_loc: 6 Val_key: Quest_type: MC ______

IEA - Data Enhancement Project Codebook page 21 Study: SC2 Population: 1 Instrument: STDES1 Datafile: SC21ALLS P1DES07 COPY BLACKBOARD NOTES 63 Position: 101- 101 (F1.0) Value Label 1 Often Sometimes Never 2 3 8 .A not ascertained 9 .O missing data ______ P1DES08 SCIENCE TESTS 64 Position: 102- 102 (F1.0) Value Label Often Sometimes 1 Never 8 .A not ascertained 9 .0 missing data Meas_class: 0 Level_id: ST Std_name: ASBDES08 Var_type: BG Quest_loc: 8 Val_key: Quest_type: MC P1DES09 STUDENTS DO EXPERIMENTS 65 Position: 103- 103 (F1.0) Value Label 1 Often
2 Sometimes 3 Never 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASBDES09 Meas_class: 0 Level_id: ST Std_name: ASBDESU9 meas_crass. O
Var_type: BG Quest_loc: 9 Val_key: Quest_type: MC ______

IEA - Data Enhancement Project Codebook page 22 Study: SC2 Population: 1 Instrument: STDES1 Datafile: SC21ALLS

P1DES10 SMALL GROUP EXPERIMENTS 66

Position: 104- 104 (F1.0)

Value Label

1 Often

- 2 Sometimes3 Never
- 8 .A not ascertained
- 9 .0 missing data

Level_id: ST Std_name: ASBDES10 Meas_class: O Var_type: BG Quest_loc: 10 Val_key: Quest_type: MC _____

page 23 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V01 QUICK/SLOW 67 Position: 105- 105 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV01 Meas_class: N _____ P1V02 OPEN/SHUT 68 Position: 106- 106 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV02 Meas_class: N Var_type: TI Quest_loc: 2 Val_key: 2 Quest_type: MC P1V03 ORDERED/CONFUSED 69 Position: 107- 107 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV03 Meas_class: N Var_type: TI Quest_loc: 3 Val_key: 2 Quest_type: MC _____ 70 P1V04 SORROW/JOY Position: 108- 108 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV04 Meas_class: N Var_type: TI Quest_loc: 4 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook

IEA - Data Enhancement Project Codebook page 24 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V05 CREATE/ORIGINATE 71 Position: 109- 109 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV05 Meas_class: N ______ P1V06 PUNISH/REWARD 72 Position: 110- 110 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV06 Meas_class: N Var_type: TI Quest_loc: 6 Val_key: 2 Quest_type: MC P1V07 TAME/WILD 73 Position: 111- 111 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV07 Meas_class: N Var_type: TI Quest_loc: 7 Val_key: 2 Quest_type: MC _____ 74 P1V08 BRAVE/BOLD Position: 112- 112 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV08 Meas_class: N Var_type: TI Quest_loc: 8 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook page 25 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V09 AMIABLE/CHARMING 75 Position: 113- 113 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV09 Meas_class: N ______ P1V10 HARMONY/DISCORD 76 Position: 114- 114 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV10 Meas_class: N Var_type: TI Quest_loc: 10 Val_key: 2 Quest_type: MC P1V11 BENEVOLENT/INTOLERANT 77 Position: 115- 115 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV11 Meas_class: N Var_type: TI Quest_loc: 11 Val_key: 2 Quest_type: MC _____ 78 P1V12 IGNORANT/WISE Position: 116-116 (F1.0) Value Label 1 Same 2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV12 Meas_class: N Var_type: TI Quest_loc: 12 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook page 26 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS UNEASY/COMFORTABLE P1V13 79 Position: 117- 117 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV13 Meas_class: N ______ P1V14 VAGUE/PRECISE 80 Position: 118- 118 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV14 Meas_class: N Var_type: TI Quest_loc: 14 Val_key: 2 Quest_type: MC P1V15 HINDER/HELP 81 Position: 119- 119 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV15 Meas_class: N Var_type: TI Quest_loc: 15 Val_key: 2 Quest_type: MC _____ P1V16 GRIEVE/REJOICE 82 Position: 120- 120 (F1.0) Value Label 1 Same 2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV16 Meas_class: N Var_type: TI Quest_loc: 16 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook page 27 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V17 GENUINE/FALSE 83 Position: 121- 121 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV17 Meas_class: N ______ P1V18 ACQUIRE/DISPEL 84 Position: 122- 122 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV18 Meas_class: N Var_type: TI Quest_loc: 18 Val_key: 2 Quest_type: MC P1V19 COMPLETE/WHOLE 85 Position: 123- 123 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV19 Meas_class: N Var_type: TI Quest_loc: 19 Val_key: 1 Quest_type: MC _____ P1V20 FIGHT/STRUGGLE 86 Position: 124- 124 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV20 Meas_class: N Var_type: TI Quest_loc: 20 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook page 28 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V21 INFORMED/UNAWARE 87 Position: 125- 125 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV21 Meas_class: N ______ P1V22 PUNY/ROBUST 88 Position: 126- 126 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV22 Meas_class: N Var_type: TI Quest_loc: 22 Val_key: 2 Quest_type: MC P1V23 DESPISE/SCORN 89 Position: 127- 127 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV23 Meas_class: N Var_type: TI Quest_loc: 23 Val_key: 1 Quest_type: MC _____ P1V24 CONFIDENT/SUSPICIOUS 90 Position: 128- 128 (F1.0) Value Label 1 Same 2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV24 Meas_class: N Var_type: TI Quest_loc: 24 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook page 29 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V25 MAJOR/MINOR 91 Position: 129- 129 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV25 Meas_class: N ______ P1V26 EXPEL/RETAIN 92 Position: 130-130 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV26 Meas_class: N Var_type: TI Quest_loc: 26 Val_key: 2 Quest_type: MC P1V27 SHARE/DIVIDE 93 Position: 131- 131 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV27 Meas_class: N Var_type: TI Quest_loc: 27 Val_key: 1 Quest_type: MC _____ P1V28 RAPID/SLUGGISH 94 Position: 132-132 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV28 Meas_class: N Var_type: TI Quest_loc: 28 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook page 30 Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V29 ASSOCIATE/PARTNER 95 Position: 133- 133 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV29 Meas_class: N ______ P1V30 CLEANSE/PURIFY 96 Position: 134- 134 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV30 Meas_class: N P1V31 ABANDONED/LEFT 97 Position: 135- 135 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV31 Meas_class: N Var_type: TI Quest_loc: 31 Val_key: 1 Quest_type: MC _____ P1V32 DARE/ATTEMPT 98 Position: 136-136 (F1.0) Value Label 1 Same 2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV32 Meas_class: N Var_type: TI Quest_loc: 32 Val_key: 1 Quest_type: MC

Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V33 EVERLASTING/PERMANENT 99 Position: 137- 137 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV33 Meas_class: N ______ P1V34 PRECISE/EXACT 100 Position: 138- 138 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV34 Meas_class: N P1V35 PROHIBITED/FORBIDDEN 101 Position: 139- 139 (F1.0) Value Label 1 Same 2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV35 Meas_class: N Var_type: TI Quest_loc: 35 Val_key: 1 Quest_type: MC _____ P1V36 BOASTFULNESS/MODESTY 102 Position: 140- 140 (F1.0) Value Label 1 Same 2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV36 Meas_class: N Var_type: TI Quest_loc: 36 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook

page 31

Study: SC2 Population: 1 Instrument: STV_1 Datafile: SC21ALLS P1V37 EXTENT/LENGTH 103 Position: 141- 141 (F1.0) Value Label 1 Same Opposite 2 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV37 Meas_class: N _____ P1V38 ABSOLUTE/RELATIVE 104 Position: 142- 142 (F1.0) Value Label 1 Same Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV38 Meas_class: N Var_type: TI Quest_loc: 38 Val_key: 2 Quest_type: MC P1V39 RESULT/EFFECT 105 Position: 143- 143 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV39 Meas_class: N Var_type: TI Quest_loc: 39 Val_key: 1 Quest_type: MC _____ P1V40 SCARCE/RARE 106 Position: 144- 144 (F1.0) Value Label 1 Same2 Opposite 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTV40 Meas_class: N Var_type: TI Quest_loc: 40 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook

page 32

```
IEA - Data Enhancement Project Codebook
                                                page 33
Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS
P1Q01
        600 + 30 + 5
                                                       107
        Position: 145- 145 (F1.0)
        Value Label
            1
               608
            2
               635
               653
            3
               680
            4
               950
            5
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTQ01 Meas_class: N Var_type: TI Quest_loc: 1 Val_key: 2 Quest_type: MC
_____
P1Q02
        1.27+2.91 ETC
                                                       108
        Position: 146- 146 (F1.0)
        Value Label
               14.36
            1
               14.46
            2
               15.46
            3
               27.16
54.06
            4
            5
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTQ02 Meas_class: N Var_type: TI Quest_loc: 2 Val_key: 3 Quest_type: MC
______
       MORE THAN 99999
P1Q03
                                                       109
        Position: 147- 147 (F1.0)
        Value Label
            1 100 000
2 100 001
               999 910
            3
            4 999 991
            5
               1 000 000
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTQ03
                                          Meas_class: N
Var_type: TI Quest_loc: 3 Val_key: 1 Quest_type: MC
```

```
IEA - Data Enhancement Project Codebook page 34
Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS
         NOT EQUAL 13
P1Q04
                                                              110
         Position: 148- 148 (F1.0)
          Value Label
             1 6 + 7
             2 5 + 8
3 7 + 8
                4 + 9
3 + 10
             4
             5
             8 .A not ascertained
             9 .0 missing data
Level_id: ST Std_name: ASTQ04 Meas_class: N Var_type: TI Quest_loc: 4 Val_key: 3 Quest_type: MC
______
P1Q05
         13 BOOKS GAVE 6
                                                              111
          Position: 149- 149 (F1.0)
         Value Label
             1
                0
                 3
              2
                 6
              3
                 7
19
              4
             5
             8 .A not ascertained
             9 .0 missing data
Level_id: ST Std_name: ASTQ05
                                                Meas_class: N
Level_id: ST Std_name: ASTQ05 Meas_class: N Var_type: TI Quest_loc: 5 Val_key: 4 Quest_type: MC
P1Q06 95 - 72
                                                              112
          Position: 150- 150 (F1.0)
          Value Label
             1 23
2 25
             3
                 27
             4
                 32
             5
                  33
              8 .A not ascertained
             9 .0 missing data
Levei_id: ST Std_name: ASTQ06 Meas_class: N Var_type: TI Quest_loc: 6 Val_key: 1 Quest_type: MC
```

```
IEA - Data Enhancement Project Codebook
                                             page 35
Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS
       ESTIMATE 29 X 32
P1Q07
                                                   113
        Position: 151- 151 (F1.0)
        Value Label
           1
              600
              700
           2
              900
           3
              1100
           4
              1300
           5
           8 .A not ascertained
           9 .0 missing data
______
P1Q08
       2 CUBED X 3 SQ
                                                   114
        Position: 152- 152 (F1.0)
        Value Label
             30
36
           1
           2
              64
           3
           4
               72
              none of these
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ08
                                        Meas_class: N
Var_type: TI Quest_loc: 8 Val_key: 4 Quest_type: MC
       78 / 6
P1Q09
                                                   115
        Position: 153- 153 (F1.0)
        Value Label
           1 78/6 = 12
               78/6 = 13
           2
              78/6 = 14
           3
           4 78/6 = 15
           5
              78/6 = 16
           8 .A not ascertained
           9 .0 missing data
Levei_id: ST Std_name: ASTQ09 Meas_class: N Var_type: TI Quest_loc: 9 Val_key: 2 Quest_type: MC
```

```
IEA - Data Enhancement Project Codebook
                                              page 36
Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS
       WHICH CORRECT
P1Q10
                                                     116
        Position: 154- 154 (F1.0)
        Value Label
              64/9 = 8
           1
             0/7 = 7
12/6 = 6
           2
           3
              81/9 = 8
48/6 = 8
           4
           5
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ10 Meas_class: N Var_type: TI Quest_loc: 10 Val_key: 5 Quest_type: MC
______
P1Q11
       52.01 / 7
        Position: 155- 155 (F1.0)
        Value Label
           1
               7.04
              7.33
           2
               7.40
           3
              7.43
           4
              7.50
           5
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ11
                                         Meas_class: N
Var_type: TI Quest_loc: 11 Val_key: 4 Quest_type: MC
_____
P1Q12 24.56 / 0.004
                                                     118
        Position: 156- 156 (F1.0)
        Value Label
           1 0.0614
           2 6.14
           3
              61.4
           4
              614
           5
               6140
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ12
                                        Meas_class: N
Var_type: TI Quest_loc: 12 Val_key: 5 Quest_type: MC
```

```
IEA - Data Enhancement Project Codebook
                                           page 37
Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS
       DIVIDE 48 SWEETS
P1Q13
                                                 119
       Position: 157- 157 (F1.0)
       Value Label
             16
           1
             12
           2
             8
           3
             6
           4
             4
           5
           8 .A not ascertained
           9 .0 missing data
______
P1Q14
       22 X 18 ETC
                                                 120
       Position: 158- 158 (F1.0)
       Value Label
             290
           1
           2
              300
              384
           3
             408
           4
              502
           5
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ14 Meas_class: N Var_type: TI Quest_loc: 14 Val_key: 1 Quest_type: MC
_____
P1Q15 SNAIL CRAWL
                                                 121
       Position: 159- 159 (F1.0)
       Value Label
           1 3
           2 30
           3
              87
           4
             93
           5
              270
           8 .A not ascertained
           9 .0 missing data
Levei_id: ST Std_name: ASTQ15 Meas_class: N Var_type: TI Quest_loc: 15 Val_key: 2 Quest_type: MC
```

```
IEA - Data Enhancement Project Codebook
                                             page 38
Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS
       SEVEN-MAN TEAMS
P1Q16
                                                    122
        Position: 160- 160 (F1.0)
        Value Label
              7
           1
             8
           2
           3 9
              16
           4
              63
           5
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ16 Meas_class: N Var_type: TI Quest_loc: 16 Val_key: 3 Quest_type: MC
______
P1Q17
       SQUARES IN RECTANGLE
                                                    123
        Position: 161- 161 (F1.0)
        Value Label
             2/15
1/3
           1
           2
              2/5
           3
              3/8
           4
              1/2
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ17
                                        Meas_class: N
Var_type: TI Quest_loc: 17 Val_key: 3 Quest_type: MC
______
P1Q18 LOWEST TEMP
                                                    124
        Position: 162- 162 (F1.0)
        Value Label
           1 Tuesday
           2 Wednesday
           3
              Thursday
           4
              Friday
           5
              Saturday
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTQ18
                                        Meas_class: N
Var_type: TI Quest_loc: 18 Val_key: 5 Quest_type: MC
```

IEA - Data Enhancement Project Codebook page 39 Study: SC2 Population: 1 Instrument: STQ_1 Datafile: SC21ALLS CUBES IN STACK P1Q19 125 Position: 163- 163 (F1.0) Value Label 1 8 2 20 38 3 40 4 80 5 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTQ19 Meas_class: N Var_type: TI Quest_loc: 19 Val_key: 4 Quest_type: MC _____ P1Q20 CIRCLE PATTERN Position: 164- 164 (F1.0) Value Label Picture A 1 Picture B 2 Picture C 3 Picture D Picture E 4 5 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTQ20 Meas_class: N Var_type: TI Quest_loc: 20 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook page 40 Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS WHY CAN WE SEE THE MOON P1M01 127 Position: 165- 165 (F1.0) Value Label Reflects light from sun Without an atmosphere A star 3 The biggest object Nearer the earth 4 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTM01 Meas_class: N Var_type: TI Quest_loc: 1 Val_key: 1 Quest_type: MC ______ P1M02 ROCKET SHIP TO MOON Position: 166- 166 (F1.0) Value Label Two hours 1 Several hours 2 A few days 3 4 A light year 5 Several years 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM02 Meas_class: N ______ P1M03 THREE SHADOWS 129 Position: 167- 167 (F1.0) Value Label 1 Picture A Picture B 3 Picture C 4 Picture D 5 Picture E 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM03 Meas_class: N Var_type: TI Quest_loc: 3 Val_key: 3 Quest_type: MC

IEA - Data Enhancement Project Codebook page 41 Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS READ TEMP TABLE P1M04 130 Position: 168- 168 (F1.0) Value Label Noon on Monday 1 3.0 p.m. on Monday Noon on Tuesday 3 Noon on Wednesday 6.0 p.m. on Wednesday 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM04 Meas_class: N Var_type: TI Quest_loc: 4 Val_key: 2 Quest_type: MC -----P1M05 READ THERMOMETER Position: 169-169 (F1.0) Value Label Picture A 1 Picture B 2 Picture C 3 Picture D 4 5 Picture E 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM05 Meas_class: N ______ P1M06 WHEN COOL WIND BLOWS 132 Position: 170- 170 (F1.0) Value Label 1 Monday morning 2 Monday afternoon Tuesday morning 4 Tuesday afternoon Wednesday afternoon 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM06 Meas_class: N Var_type: TI Quest_loc: 6 Val_key: 4 Quest_type: MC

```
IEA - Data Enhancement Project Codebook
                                            page 42
Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS
P1M07
       BEAKS
                                                  133
       Position: 171- 171 (F1.0)
       Value
             Label
           1
              Picture A
             Picture B
           2
             Picture C
           3
             Picture D
           4
             Picture E
           5
           7 .I non-standard
           8 .A not ascertained
           9 .O missing data
Level_id: ST Std_name: ASTM07
                                       Meas_class: N
Var_type: TI Quest_loc: 7 Val_key: 2 Quest_type: MC
______
P1M08
       GIRL FOUND SKULL
       Position: 172- 172 (F1.0)
       Value
              Label
             Eye sockets sideways
           1
             Long skull
           2
             Ridge on skull
           3
             Long pointed teeth
           4
              Jaws sideways, up and down
           7 .I non-standard
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTM08
                                      Meas_class: N
______
P1M09 50 METRE RACE
                                                  135
       Position: 173- 173 (F1.0)
       Value Label
           1 Decrease breathing
           2 Increase pulse
           3 Increase pulse + breathing
           Decrease pulse + breathing
No change in either
           7 .I non-standard
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTM09
                                      Meas_class: N
Var_type: TI Quest_loc: 9 Val_key: 3 Quest_type: MC
```

IEA - Data Enhancement Project Codebook page 43 Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS BEANS SOWN IN POTS P1M10 136 Position: 174- 174 (F1.0) Value Label 1 More sunlight Amount of soil 2 3 Placed in the dark Amount of water Too hot 4 5 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTM10 Meas_class: N Var_type: TI Quest_loc: 10 Val_key: 2 Quest_type: MC -----P1M11 TRUE ABOUT SEEDS Position: 175- 175 (F1.0) Value Label All plants produce 1 All fruit contain All good too eat 3 Seed have young plant Food in cotyledon 4 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM11 Meas_class: N ______ P1M12 NO FLOWER SEEDS UNLESS 138 Position: 176- 176 (F1.0) Value Label 1 Visited by insects 2 Appear in summer 3 Growing in good soil 4 Produce nectar Suitable pollen is placed 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM12 Meas_class: N Var_type: TI Quest_loc: 12 Val_key: 5 Quest_type: MC

```
IEA - Data Enhancement Project Codebook
                                            page 44
Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS
       SEEDS GERMINATE
P1M13
                                                  139
       Position: 177- 177 (F1.0)
       Value
              Label
           1
              Warm place and dark
             One light, one dark
           3
             Warm place and light
             Dry paper and light
Dry paper and dark
           7 .I non-standard
           8 .A not ascertained
           9 .O missing data
Level_id: ST Std_name: ASTM13
                                       Meas_class: N
Var_type: TI Quest_loc: 13 Val_key: 2 Quest_type: MC
-----
       MILK IN REFRIGERATOR
       Position: 178- 178 (F1.0)
       Value
              Label
             Water changes into ice
           1
             Cream seperates
             Action bacteria slows down
           3
             Flies are kept away
              Skin on the surface
           7 .I non-standard
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTM14
                                       Meas_class: N
______
P1M15 CANDLES GO OUT
                                                  141
       Position: 179- 179 (F1.0)
       Value Label
             1, 2, 3
           1
              2, 1, 3
              2, 3, 1
           3
           4 1, 3, 2
           5
              3, 2, 1
           7 .I non-standard
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTM15
                                       Meas_class: N
Var_type: TI Quest_loc: 15 Val_key: 2 Quest_type: MC
```

IEA - Data Enhancement Project Codebook page 45 Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS PAINT ON IRON P1M16 142 Position: 180- 180 (F1.0) Value Label 1 No nitrogen React chemically 2 3 No carbon dioxide 4 Smoother surface 5 No oxygen and moisture 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTM16 Meas_class: N Var_type: TI Quest_loc: 16 Val_key: 5 Quest_type: MC ______ LENGTH OF WOOD BLOCK Position: 181- 181 (F1.0) Value Label 10 cm 20 cm 1 2 25 cm 3 30 cm 4 5 35 cm 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM17 Meas_class: N ______ P1M18 BOUNCE RUBBER BALLS 144 Position: 182- 182 (F1.0) Value Label 1 Same height 2 Against a wall 3 Different height 4 Against the floor 5 Feel by hand 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM18 Meas_class: N Var_type: TI Quest_loc: 18 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook page 46 Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS TWO HOLES TO POUR JUICE P1M19 145 Position: 183- 183 (F1.0) Value Label Juice pour out slowly Air into one hole Air into can 3 Juice pour out quietly Watch juice pour out 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTM19 Meas_class: N Var_type: TI Quest_loc: 19 Val_key: 2 Quest_type: MC ______ SEESAW P1M20 146 Position: 184- 184 (F1.0) Value Label Picture K 1 Picture L 2 Picture M 3 Picture N 4 5 None of these 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM20 Meas_class: N ______ P1M21 PUMPING BICYCLE TYRE 147 Position: 185- 185 (F1.0) Value Label 1 Air pushes against pump 2 Pump leaks air 3 Pump gets to hot 4 Pump gets to sticky Tyre is bigger than pump 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM21 Meas class: N Var_type: TI Quest_loc: 21 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook page 47 Study: SC2 Population: 1 Instrument: STM_1 Datafile: SC21ALLS P1M22 EVAPORATION 148 Position: 186- 186 (F1.0) Value Label Liquids evaporate 1 Petrol gets hotter Some evaporate faster 3 Evaporate only in sun Water gets hotter 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTM22 Meas_class: N Var_type: TI Quest_loc: 22 Val_key: 3 Quest_type: MC ______ P1M23 PIPE CHIMES Position: 187- 187 (F1.0) Value Label Pipe (X) 1 2 Pipe (Y) Same note 3 You have to try Where you hit it 4 5 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM23 Meas_class: N _____ P1M24 FLASHLIGHT BATTERIES 150 Position: 188- 188 (F1.0) Value Label 1 Diagram K 2 Diagram L 3 Diagram M 4 Diagram L or M None 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTM24 Meas_class: N Var_type: TI Quest_loc: 24 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook page 48 Study: SC2 Population: 1 Instrument: STA_1 Datafile: SC21ALLS GAS TO BREATHE P1A01 151 Position: 189- 189 (F1.0) Value Label 1 Nitrogen 2 Oxygen 3 Carbon dioxide Hydrogen Water vapour 4 5 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA01 Meas_class: N Var_type: TI Quest_loc: 1 Val_key: 2 Quest_type: MC _____ P1A02 WEBBED FEET Position: 190- 190 (F1.0) Value Label A forest 1 A meadow 2 A cornfield 3 A desert 4 5 A lake 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA02 Meas_class: N ______ P1A03 INJURED RABBIT 153 Position: 191- 191 (F1.0) Value Label 1 None 2 One 3 A few 4 Most All 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA03 Meas_class: N Var_type: TI Quest_loc: 3 Val_key: 1 Quest_type: MC

IEA - Data Enhancement Project Codebook page 49 Study: SC2 Population: 1 Instrument: STA_1 Datafile: SC21ALLS BUTTERFLY STAGES P1A04 154 Position: 192- 192 (F1.0) Value Label 1, 2, 3, 4 1 1, 3, 2, 4 2 1, 4, 3, 2 3 1, 4, 2, 3 1, 2, 4, 3 4 5 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA04 Meas_class: N Var_type: TI Quest_loc: 4 Val_key: 2 Quest_type: MC ______ NOT DISSOLVE IN WATER Position: 193- 193 (F1.0) Value Label Sand Salt 1 2 Soap 3 Sugar 4 5 Air 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA05 Meas_class: N ______ P1A06 BLOCKS ON STRINGS 156 Position: 194- 194 (F1.0) Value Label 1 2 will not move 2 2 to the left 2 to the right 4 String will break 2 bounces up 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA06 Meas_class: N Var_type: TI Quest_loc: 6 Val_key: 3 Quest_type: MC

IEA - Data Enhancement Project Codebook page 50 Study: SC2 Population: 1 Instrument: STA_1 Datafile: SC21ALLS BALL RETURNS TO GROUND P1A07 157 Position: 195- 195 (F1.0) Value Label 1 Air pushed Earth is magnetAir is light 4 Earth pulled 5 Rubber bounces back 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTA07 Meas_class: N Var_type: TI Quest_loc: 7 Val_key: 4 Quest_type: MC ______ P1A08 STRING TELEPHONE Position: 196-196 (F1.0) Value Label Both hear clearly Neither of them 1 3 Akira hears clearly 4 Masao hears clearly 5 Both hear faintly 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA08 Meas_class: N ______ P1A09 NATIONAL OPTION/ITEM 9 159 Position: 197- 197 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level id: ST Std name: ASTA09 Meas class: N

IEA - Data Enhancement Project Codebook page 51 Study: SC2 Population: 1 Instrument: STA_1 Datafile: SC21ALLS NATIONAL OPTION/ITEM 10 P1A10 160 Position: 198- 198 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA10 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC ______ P1A11 NATIONAL OPTION/ITEM 11 161 Position: 199- 199 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Meas_class: N Level_id: ST Std_name: ASTAll Var_type: TI Quest_loc: Val_key: Quest_type: MC P1A12 NATIONAL OPTION/ITEM 12 162 Position: 200- 200 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTA12 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC

IEA - Data Enhancement Project Codebook page 52 Study: SC2 Population: 1 Instrument: STB_1 Datafile: SC21ALLS BALLOON ON BOTTLE P1B01 163 Position: 201- 201 (F1.0) Value Label 1 Air expands Air contracts Pressure inside decreases 3 4 Pressure outside decreases 5 Glass bottle expands 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTB01 Meas_class: N Var_type: TI Quest_loc: 1 Val_key: 1 Quest_type: MC ______ P1B02 MAGNET POINTS NORTH Position: 202- 202 (F1.0) Value Label Gravity Light 1 2 Heat 3 Magnetism 4 5 Energy 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB02 Meas_class: N ______ P1B03 ANT GRAPH 165 Position: 203- 203 (F1.0) Value Label 5 cm 1 6 cm 20 cm 3 4 30 cm 5 35 cm 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB03 Meas_class: N Var_type: TI Quest_loc: 3 Val_key: 2 Quest_type: MC

IEA - Data Enhancement Project Codebook page 53 Study: SC2 Population: 1 Instrument: STB_1 Datafile: SC21ALLS WHAT IS THE SUN P1B04 166 Position: 204- 204 (F1.0) Value Label 1 A planet A star 2 A comet 3 A moon A meteor 4 5 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTB04 Meas_class: N Var_type: TI Quest_loc: 4 Val_key: 2 Quest_type: MC ______ P1B05 CATERPILLAR AS ADULT Position: 205- 205 (F1.0) Value Label Diagram 1 1 Diagram 2 2 Diagram 3 3 Diagram 4 4 5 Diagram 5 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB05 Meas_class: N ______ P1B06 MESSAGE EYES TO BRAIN 168 Position: 206-206 (F1.0) Value Label 1 Arteries 2 Glands 3 Muscles 4 Nerves Veins 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB06 Meas_class: N Var_type: TI Quest_loc: 6 Val_key: 4 Quest_type: MC

IEA - Data Enhancement Project Codebook page 54 Study: SC2 Population: 1 Instrument: STB_1 Datafile: SC21ALLS CHICK FOOD BEFORE HATCH 169 Position: 207- 207 (F1.0) Value Label 1 Fed by mother hen Doesn't need food Makes own food 3 4 Uses food from egg 5 Eats egg shell 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB07 Meas_class: N Var_type: TI Quest_loc: 7 Val_key: 4 Quest_type: MC _____ P1B08 WHERE METALS COME 170 Position: 208- 208 (F1.0) Value Label Dead tress 1 Water 2 Animal bones 3 Rocks 4 5 Oil wells 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB08 Meas_class: N ______ P1B09 NATIONAL OPTION/ITEM 9 171 Position: 209- 209 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level id: ST Std name: ASTB09 Meas class: N

IEA - Data Enhancement Project Codebook page 55 Study: SC2 Population: 1 Instrument: STB_1 Datafile: SC21ALLS NATIONAL OPTION/ITEM 10 P1B10 172 Position: 210- 210 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB10 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC ______ P1B11 NATIONAL OPTION/ITEM 11 173 Position: 211- 211 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Meas_class: N Level_id: ST Std_name: ASTB11 Var_type: TI Quest_loc: Val_key: Quest_type: MC P1B12 NATIONAL OPTION/ITEM 12 174 Position: 212- 212 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTB12 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC _____

IEA - Data Enhancement Project Codebook page 56 Study: SC2 Population: 1 Instrument: STC_1 Datafile: SC21ALLS WHICH NOT LAY EGGS P1C01 175 Position: 213- 213 (F1.0) Value Label 1 Chickens Dogs 2 Frogs 3 Turtles 4 Ducks 5 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTC01 Meas_class: N Var_type: TI Quest_loc: 1 Val_key: 2 Quest_type: MC ______ P1C02 MOST SOIL WASHED AWAY Position: 214- 214 (F1.0) Value Label 1-barren flat 1 2-bush flat 2 3-barren slope 3 4-bush slope 4 5 5-grassland flat 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTC02 Meas_class: N ______ P1C03 WHY HUMANS NEED LUNG 177 Position: 215- 215 (F1.0) Value Label 1 Hold chest out 2 Protect against germs 3 Move parts of the body 4 Pump blood Let oxygen enter blood 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTC03 Meas_class: N Var_type: TI Quest_loc: 3 Val_key: 5 Quest_type: MC

```
IEA - Data Enhancement Project Codebook
                                               page 57
Study: SC2 Population: 1 Instrument: STC_1 Datafile: SC21ALLS
P1C04
        FROG STAGES
                                                     178
        Position: 216- 216 (F1.0)
               Label
        Value
               1, 2, 3, 4
            1
              2, 1, 3, 4
3, 2, 1, 4
2, 3, 4, 1
4, 1, 2, 3
            2
            3
            4
            5
            7 .I non-standard
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTC04
                                          Meas_class: N
Var_type: TI Quest_loc: 4 Val_key: 3 Quest_type: MC
______
P1C05
        WHICH BULB LIGHTS UP
        Position: 217- 217 (F1.0)
        Value
               Label
              Bulbs 1 + 2
Bulbs 1, 2 + 3
            1
            2
             Bulbs 2, 3 + 4
Bulbs 2 + 3
Bulbs 3 + 4
            3
            4
            5
            7 .I non-standard
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTC05
                                         Meas_class: N
______
P1C06 COLDEST TO HOTTEST
                                                     180
        Position: 218- 218 (F1.0)
        Value Label
            1 Ice, boiling water, ..
            2 Ice, human body, ...
            3 Human body, ice,..
            4 Fire, human body, ..
5 Fire, boiling water, ..
            7 .I non-standard
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTC06
                                         Meas_class: N
Var_type: TI Quest_loc: 6 Val_key: 2 Quest_type: MC
```

```
IEA - Data Enhancement Project Codebook
                                          page 58
Study: SC2 Population: 1 Instrument: STC_1 Datafile: SC21ALLS
      MAGNETS DIPPED
P1C07
                                                181
       Position: 219- 219 (F1.0)
       Value
             Label
          1
             Substance 1
             Substance 2
          2
             Substance 3
          3
          4 Substances 1 + 2
5 Substances 1, 2 + 3
          7 .I non-standard
          8 .A not ascertained
          9 .O missing data
Level_id: ST Std_name: ASTC07
                                     Meas_class: N
Var_type: TI Quest_loc: 7 Val_key: 3 Quest_type: MC
_____
P1C08 MIRROR FUN
                                                182
       Position: 220- 220 (F1.0)
       Value Label
            FUN
          1
          2
              .U.
             NUF
          3
            .U.
          4
          5
             ..N
          7 .I non-standard
          8 .A not ascertained
          9 .0 missing data
Level_id: ST Std_name: ASTC08
                                     Meas_class: N
______
P1C09 NATIONAL OPTION/ITEM 9
                                                183
       Position: 221- 221 (F1.0)
       Value Label
          7 .I non-standard
          8 .A not ascertained
          9 .0 missing data
Level id: ST Std name: ASTC09
                                     Meas class: N
Var_type: TI Quest_loc: Val_key: Quest_type: MC
```

IEA - Data Enhancement Project Codebook page 59 Study: SC2 Population: 1 Instrument: STC_1 Datafile: SC21ALLS NATIONAL OPTION/ITEM 10 P1C10 184 Position: 222- 222 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTC10 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC ______ P1C11 NATIONAL OPTION/ITEM 11 185 Position: 223- 223 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Meas_class: N Level_id: ST Std_name: ASTC11 Var_type: TI Quest_loc: Val_key: Quest_type: MC P1C12 NATIONAL OPTION/ITEM 12 186 Position: 224- 224 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTC12 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC

IEA - Data Enhancement Project Codebook page 60 Study: SC2 Population: 1 Instrument: STD_1 Datafile: SC21ALLS BEAN PLANT STAGES P1D01 187 Position: 225- 225 (F1.0) Value Label 3, 2, 1, 4 1 2, 4, 1, 3 2 1, 2, 3, 4 3 4, 2, 3, 1 4, 3, 2, 1 4 5 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD01 Meas_class: N Var_type: TI Quest_loc: 1 Val_key: 2 Quest_type: MC -----P1D02 SEEDS STICK TO ANIMALS Position: 226- 226 (F1.0) Value Label Maple seed 1 Bean pod 2 Burr 3 Acorn 4 5 Wheat seed 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD02 Meas_class: N _____ P1D03 CLASSIFY LIVING THINGS 189 Position: 227- 227 (F1.0) Value Label 1 Clouds, fire, rivers 2 Fire, rivers, trees 3 River, birds, trees 4 Birds, trees, worms Trees, worms, clouds 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD03 Meas_class: N Var_type: TI Quest_loc: 3 Val_key: 4 Quest_type: MC

IEA - Data Enhancement Project Codebook page 61 Study: SC2 Population: 1 Instrument: STD_1 Datafile: SC21ALLS LEVER MOVES STONE P1D04 190 Position: 228- 228 (F1.0) Value Label 1 Diagram A 2 Diagram B Diagram C 3 Diagram D Diagram E 4 5 7 .I non-standard 8 .A not ascertained 9 .O missing data Level_id: ST Std_name: ASTD04 Meas_class: N Var_type: TI Quest_loc: 4 Val_key: 3 Quest_type: MC ______ P1D05 BALANCED DIET Position: 229- 229 (F1.0) Value Label A green vegetable 1 Chicken or fish 2 Cheese 3 Coffee 4 5 Ice cream 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD05 Meas_class: N ______ P1D06 SPRING WEIGHING MACHINE 192 Position: 230-230 (F1.0) Value Label 1 Same as small rock 2 2 times as heavy 3 4 times as heavy 4 6 times as heavy5 8 times as heavy 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD06 Meas_class: N Var_type: TI Quest_loc: 6 Val_key: 3 Quest_type: MC

IEA - Data Enhancement Project Codebook page 62 Study: SC2 Population: 1 Instrument: STD_1 Datafile: SC21ALLS WHERE FISH GET AIR 193 Position: 231- 231 (F1.0) Value Label 1 Surface of water Dissolved in water Swallow air bubbles 3 4 Eat water plants 5 Suck rocks and sand 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD07 Meas_class: N Var_type: TI Quest_loc: 7 Val_key: 2 Quest_type: MC _____ P1D08 PAN BALANCE 194 Position: 232- 232 (F1.0) Value Label 1 weight 2 weights 1 2 3 weights 4 weights 6 weights 3 4 5 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD08 Meas_class: N ______ P1D09 NATIONAL OPTION/ITEM 9 195 Position: 233- 233 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level id: ST Std name: ASTD09 Meas class: N

IEA - Data Enhancement Project Codebook page 63 Study: SC2 Population: 1 Instrument: STD_1 Datafile: SC21ALLS NATIONAL OPTION/ITEM 10 P1D10 196 Position: 234-234 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD10 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC ______ P1D11 NATIONAL OPTION/ITEM 11 197 Position: 235- 235 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Meas_class: N Level_id: ST Std_name: ASTD11 Var_type: TI Quest_loc: Val_key: Quest_type: MC P1D12 NATIONAL OPTION/ITEM 12 198 Position: 236- 236 (F1.0) Value Label 7 .I non-standard 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTD12 Meas_class: N Var_type: TI Quest_loc: Val_key: Quest_type: MC

IEA - Data Enhancement Project Codebook page 64 Study: SC2 Population: 1 Instrument: STPR_1 Datafile: SC21ALLS TASK1A1 DID TASK 1A1 Position: 237- 237 (F1.0) Value Label yes taken not taken 1 8 .A not ascertained Level_id: ST Std_name: FL_PR1A1 Meas_class: N Var_type: FL Quest_loc: Val_key: Quest_type: ______ TASK1A2 DID TASK 1A2 200 Position: 238- 238 (F1.0) Value Label 1 yes taken
2 not taken 8 .A not ascertained Meas_class: N Level_id: ST Std_name: FL_PR1A2 Var_type: FL Quest_loc: Val_key: Quest_type: TASK1A3 DID TASK 1A3 201 Position: 239-239 (F1.0) Value Label 1 1 yes taken
2 not taken 8 .A not ascertained Level_id: ST Std_name: FL_PR1A3 Meas_class: N Var_type: FL Quest_loc: Val_key: Quest_type: _____ TASK1B1 DID TASK 1B1 202 Position: 240- 240 (F1.0) Value Label 1 yes taken
2 not taken 8 .A not ascertained Level_id: ST Std_name: FL_PR1B1 Meas class: N Level_id:STStd_name:FL_PRIBIMeas_class:Var_type:FLQuest_loc:Val_key:Quest_type:

```
IEA - Data Enhancement Project Codebook page 65
Study: SC2 Population: 1 Instrument: STPR_1 Datafile: SC21ALLS
TASK1B2 DID TASK 1B2
                                                      203
        Position: 241- 241 (F1.0)
        Value Label
              yes taken
not taken
            1
            8 .A not ascertained
Level_id: ST Std_name: FL_PR1B2
                                          Meas_class: N
Var_type: FL Quest_loc:
                             Val_key: Quest_type:
______
TASK1B3 DID TASK 1B3
                                                      204
        Position: 242- 242 (F1.0)
        Value
               Label
            1 yes taken
2 not taken
            8 .A not ascertained
                                          Meas_class: N
Level_id: ST Std_name: FL_PR1B3
                             Val_key: Quest_type:
Var_type: FL Quest_loc:
PR1A101 LIME WATER - WHAT CHANGE
                                                      205
        Position: 243- 243 (F1.0)
        Value Label
            0
               off task - incorrect
            1
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTPRA11
                                         Meas_class: N
Var_type: TI Quest_loc: Al Val_key: Quest_type: OE
PR1A102 LIME WATER - EXPLAIN
                                                      206
        Position: 244- 244 (F1.0)
        Value Label
               off task - incorrect
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTPRA12
                                         Meas_class: N
Var_type: TI Quest_loc: Al Val_key: Quest_type: OE
```

```
IEA - Data Enhancement Project Codebook
                                                page 66
Study: SC2 Population: 1 Instrument: STPR_1 Datafile: SC21ALLS
PR1A201 ANIMALS - 3 WAYS ALIKE
                                                       207
        Position: 245- 245 (F1.0)
               Label
        Value
            0
               off task - incorrect
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTPRA21
                                          Meas_class: N
Var_type: TI Quest_loc: A2 Val_key: Quest_type: OE
_____
PR1A202 ANIMALS - 3 WAYS DIFFERENT
                                                      208
        Position: 246-246 (F1.0)
        Value
               Label
            0
               off task - incorrect
            1
            8 .A not ascertained
            9 .0 missing data
Level_id: ST Std_name: ASTPRA22
                                          Meas_class: N
Var_type: TI Quest_loc: A2 Val_key: Quest_type: OE
PR1A301 CIRCUIT - DRAWING
                                                       209
        Position: 247- 247 (F1.0)
        Value Label
            0
               off task - incorrect
            1
            8 .A not ascertained
            9 .0 missing data
Level_ia:STStd_name:ASTPRA31Meas_class:NVar_type:TIQuest_loc:A3Val_key:Quest_type:OE
```

```
IEA - Data Enhancement Project Codebook page 67
Study: SC2 Population: 1 Instrument: STPR_1 Datafile: SC21ALLS
PR1A302 CIRCUIT - TEST
                                             210
      Position: 248- 248 (F1.0)
       Value Label
          0
            off task - incorrect
          8 .A not ascertained
          9 .0 missing data
______
PR1A303 CIRCUIT - CONDUCTORS
                                             211
       Position: 249- 249 (F1.0)
       Value
            Label
          0
            off task - incorrect
          8 .A not ascertained
          9 .0 missing data
Level_id: ST Std_name: ASTPRA33
                                   Meas_class: N
Var_type: TI Quest_loc: A3 Val_key: Quest_type: OE
PR1B103 TEMPERATURE - MEASURE
                                             212
       Position: 250- 250 (F1.0)
       Value Label
          0
            off task - incorrect
          1
          8 .A not ascertained
          9 .0 missing data
Level_id: ST Std_name: ASTPRB13
                                   Meas_class: N
```

```
IEA - Data Enhancement Project Codebook page 68
Study: SC2 Population: 1 Instrument: STPR_1 Datafile: SC21ALLS
PR1B104 TEMPERATURE - PREDICT
       Position: 251- 251 (F1.0)
        Value Label
              off task - incorrect
           0
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTPRB14
                                       Meas_class: N
Var_type: TI Quest_loc: B1 Val_key: Quest_type: OE
______
PR1B201 COLOUR - OBSERVE
                                                   214
       Position: 252- 252 (F1.0)
              Label
        Value
           0
              off task - incorrect
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTPRB21
                                        Meas_class: N
Var_type: TI Quest_loc: B2 Val_key: Quest_type: OE
PR1B202 COLOUR - EXPLAIN
                                                   215
        Position: 253- 253 (F1.0)
        Value Label
           0
              off task - incorrect
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTPRB22
                                       Meas_class: N
Var_type: TI Quest_loc: B2 Val_key: Quest_type: OE
_____
PR1B301 OILY SEEDS - OIL ON PAPER
                                                   216
        Position: 254- 254 (F1.0)
        Value Label
              off task - incorrect
           8 .A not ascertained
           9 .0 missing data
Level_id: ST Std_name: ASTPRB31
                                       Meas_class: N
Var_type: TI Quest_loc: B3 Val_key: Quest_type: OE
```

IEA - Data Enhancement Project Codebook page 69 Study: SC2 Population: 1 Instrument: STPR_1 Datafile: SC21ALLS PR1B302 OILY SEEDS - IDENTIFY 217 Position: 255- 255 (F1.0) Value Label 0 off task - incorrect 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTPRB32 Meas_class: N Var_type: TI Quest_loc: B3 Val_key: Quest_type: OE _____ PR1B303 OILY SEEDS - LIST 218 Position: 256- 256 (F1.0) Value Label off task - incorrect 0 8 .A not ascertained 9 .0 missing data Level_id: ST Std_name: ASTPRB33 Meas_class: N Var_type: TI Quest_loc: B3 Val_key: Quest_type: OE