

ID\_ES\_NI IEA\_DEP/NUMERIC COUNTRY ISO CODE 1  
 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
7520	SWE
7521	SWE_1
7522	SWE_2
7160	ZWE
7640	THA
8263	GBREN
8401	USA_1
8402	USA_2

Level\_id: ES Std\_name: ID\_ES\_NI Meas\_class: N  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

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ID\_ES\_AI IEA\_DEP/ALPHANUMERIC COUNTRY ISO CODE 2  
 Position: 5- 9 (A5)

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

Level\_id: ES Std\_name: ID\_ES\_AI Meas\_class: N  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

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CNTRYNUM COUNTRY NUMBER 3  
 Position: 10- 11 (F2.0)

Value	Label
10	Australia
16	Canada (French)
18	Canada (English)
20	China
22	UK (England)
24	Finland
26	Ghana
30	Hong Kong
32	Hungary
34	Israel
36	Italy
38	Japan
40	Korea
44	Netherlands
48	Nigeria
50	Norway
52	Papua New Guinea
54	Philippines
56	Poland
60	Singapore
66	Sweden (A,B)
70	Thailand
72	United States (A,B)
74	Zimbabwe

Level\_id: ES Std\_name: ID\_ES\_N Meas\_class: N  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

POPN POPULATION 4  
 Position: 12- 12 (F1.0)

Value	Label
1	I (10-year olds)
2	II (14-year olds)
3	III (preuniversity)

Level\_id: Std\_name: ID\_POP Meas\_class: N  
 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  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

SCHOOL SCHOOL NUMBER 6  
 Position: 15- 19 (F5.0)

Level\_id: SC Std\_name: ID\_SC\_N Meas\_class: N  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

---

CLASS CLASS NUMBER 7  
 Position: 20- 21 (F2.0)

Level\_id: CL Std\_name: ID\_CL\_N Meas\_class: N  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

---

TEACHER TEACHER NUMBER 8  
 Position: 22- 23 (F2.0)

Level\_id: TE Std\_name: ID\_TE\_N Meas\_class: N  
 Var\_type: ID Quest\_loc: Val\_key: Quest\_type:

---

STRWGT STRATUM WEIGHT 9  
 Position: 24- 31 (F8.6)

Level\_id: SM Std\_name: WT\_SM Meas\_class: R  
 Var\_type: WT Quest\_loc: Val\_key: Quest\_type:

---

TSEX TEACHER SEX 10  
 Position: 32- 32 (F1.0)

Value	Label
1	male
2	female
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBSEX Meas\_class: N  
 Var\_type: BG Quest\_loc: 1 Val\_key: Quest\_type: MC

---

TAGE TEACHER AGE 11

Position: 33- 33 (F1.0)

Value	Label
1	<28 years
2	28-37 years
3	38-47 years
4	48-57 years
5	>57 years
8	.A not ascertained
9	.0 missing data

Level\_id: TE Std\_name: BTBAGE Meas\_class: 0  
 Var\_type: BG Quest\_loc: 2 Val\_key: Quest\_type: MC

TPOSTED YEARS POST-SECONDARY EDUCATION 12

Position: 34- 34 (F1.0)

Value	Label
1	no further education
2	1 year
3	2 years
4	3 years
5	4 years
6	5 or more years
8	.A not ascertained
9	.0 missing data

Level\_id: TE Std\_name: BTBPOSED Meas\_class: 0  
 Var\_type: BG Quest\_loc: 3 Val\_key: Quest\_type: MC

TPOSTSCI AMOUNT POST-SECONDARY SCIENCE EDUCATION 13

Position: 35- 36 (F2.0)

Value	Label
1	no further education
2	no further science
3	up to 1/4 science
4	1/4 to 3/4 science
5	more than 3/4 sci
98	.A not ascertained
99	.0 missing data

Level\_id: TE Std\_name: BTBSCIED Meas\_class: N  
 Var\_type: BG Quest\_loc: 4 Val\_key: Quest\_type: MC

TCHEXP YEARS TEACHING EXPERIENCE 14  
 Position: 37- 37 (F1.0)

Value	Label
1	up to 5 years
2	6-10 years
3	11-20 years
4	21-30 years
5	>30 years
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBYEARS Meas\_class: O  
 Var\_type: BG Quest\_loc: 5 Val\_key: Quest\_type: MC

HRSSCI HOURS SPENT AT SCHOOL/SCIENCE SUBJECTS 15  
 Position: 38- 39 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTB HOUR1 Meas\_class: R  
 Var\_type: BG Quest\_loc: 6/A Val\_key: Quest\_type: FR

HRSMATH HOURS SPENT AT SCHOOL/MATH SUBJECTS 16  
 Position: 40- 41 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTB HOUR2 Meas\_class: R  
 Var\_type: BG Quest\_loc: 6/B Val\_key: Quest\_type: FR

HRSOOTHER HOURS SPENT AT SCHOOL/OTHER SUBJECTS 17  
 Position: 42- 43 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTB HOUR3 Meas\_class: R  
 Var\_type: BG Quest\_loc: 6/C Val\_key: Quest\_type: FR

HRSMARK HOURS SPENT AT SCHOOL/PREPARING LESSONS 18  
Position: 44- 45 (F2.0)

Value Label  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTB HOUR4 Meas\_class: R  
Var\_type: BG Quest\_loc: 6/D Val\_key: Quest\_type: FR

---

MARKOUT HOURS OUTSIDE SCHOOL/PREPARING LESSONS 19  
Position: 46- 46 (F1.0)

Value Label  
1 up to 3 hours  
2 4- 6 hours  
3 7-10 hours  
4 11-15 hours  
5 more than 15 hours  
8 .A not ascertained  
9 .O missing data

Level\_id: TE Std\_name: BTB HOUR0 Meas\_class: O  
Var\_type: BG Quest\_loc: 7 Val\_key: Quest\_type: MC

---

SCTCHASS MEMBER SCIENCE TEACHER ASSOCIATION 20  
Position: 47- 47 (F1.0)

Value Label  
1 yes  
2 no  
8 .A not ascertained  
9 .O missing data

Level\_id: TE Std\_name: BTB MEMBS Meas\_class: N  
Var\_type: BG Quest\_loc: 8 Val\_key: Quest\_type: MC

---

READGEN READING TEACHING JOURNALS 21  
Position: 48- 48 (F1.0)

Value Label  
1 regularly  
2 occasionally  
3 rarely or never  
8 .A not ascertained  
9 .O missing data

Level\_id: TE Std\_name: BTB READ1 Meas\_class: N  
Var\_type: BG Quest\_loc: 9 Val\_key: Quest\_type: MC

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READSCI READING SCIENCE JOURNALS 22  
 Position: 49- 49 (F1.0)

Value	Label
1	regularly
2	occasionally
3	rarely or never
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBREAD2 Meas\_class: N  
 Var\_type: BG Quest\_loc: 10 Val\_key: Quest\_type: MC

---

INSERV AMOUNT INSERVICE EDUCATION 23  
 Position: 50- 50 (F1.0)

Value	Label
1	none
2	< 1 day
3	1-2 days
4	3-5 days
5	> 5 days
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBINSERD Meas\_class: O  
 Var\_type: BG Quest\_loc: 11 Val\_key: Quest\_type: MC

---

TCHGOUT TEACHING SCIENCE OUTSIDE TRAINING 24  
 Position: 51- 51 (F1.0)

Value	Label
1	yes
2	no
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBTOUTT Meas\_class: N  
 Var\_type: BG Quest\_loc: 12 Val\_key: Quest\_type: MC

---

GROSALYR GROSS SALARY PER YEAR 25  
 Position: 52- 54 (F3.0)

Value	Label
998	.A not ascertained
999	.O missing data

Level\_id: TE Std\_name: BTBSALGR Meas\_class: R  
 Var\_type: BG Quest\_loc: 13/A Val\_key: Quest\_type: FR

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NETSALYR NET SALARY PER YEAR 26  
 Position: 55- 57 (F3.0)

Value Label  
 998 .A not ascertained  
 999 .O missing data

Level\_id: TE Std\_name: BTBSALNT Meas\_class: R  
 Var\_type: BG Quest\_loc: 13/B Val\_key: Quest\_type: FR

TCLS1YR SCIENCE CLASS 1/GRADE LEVEL 27  
 Position: 58- 59 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL1G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/A Val\_key: Quest\_type: FR

TCLS1SUB SCIENCE CLASS 1/NAME SUBJECT 28  
 Position: 60- 61 (F2.0)

Value Label  
 1 science  
 2 earth science  
 3 biology  
 4 chemistry  
 5 physics  
 6 other  
 7 other  
 8 other  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL1N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/A Val\_key: Quest\_type: FR

TCLS1HRS SCIENCE CLASS 1/HOURS PER WEEK 29  
 Position: 62- 63 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL1H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/A Val\_key: Quest\_type: FR

TCLS1BOY SCIENCE CLASS 1/N OF MALE STUDENTS 30  
 Position: 64- 65 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL1M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/A Val\_key: Quest\_type: FR

TCLS1GIR SCIENCE CLASS 1/N OF FEMALE STUDENTS 31  
 Position: 66- 67 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL1F Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/A Val\_key: Quest\_type: FR

TCLS2YR SCIENCE CLASS 2/GRADE LEVEL 32  
 Position: 68- 69 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL2G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/B Val\_key: Quest\_type: FR

TCLS2SUB SCIENCE CLASS 2/NAME SUBJECT 33  
 Position: 70- 71 (F2.0)

Value Label  
 1 science  
 2 earth science  
 3 biology  
 4 chemistry  
 5 physics  
 6 other  
 7 other  
 8 other  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL2N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/B Val\_key: Quest\_type: FR

TCLS2HRS SCIENCE CLASS 2/HOURS PER WEEK 34  
 Position: 72- 73 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL2H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/B Val\_key: Quest\_type: FR

---

TCLS2BOY SCIENCE CLASS 2/N OF MALE STUDENTS 35  
 Position: 74- 75 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL2M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/B Val\_key: Quest\_type: FR

---

TCLS2GIR SCIENCE CLASS 2/N OF FEMALE STUDENTS 36  
 Position: 76- 77 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL2F Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/B Val\_key: Quest\_type: FR

---

TCLS3YR SCIENCE CLASS 3/GRADE LEVEL 37  
 Position: 78- 79 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL3G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/C Val\_key: Quest\_type: FR

---

TCLS3SUB SCIENCE CLASS 3/NAME SUBJECT 38  
 Position: 80- 81 (F2.0)

Value	Label
1	science
2	earth science
3	biology
4	chemistry
5	physics
6	other
7	other
8	other
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL3N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/C Val\_key: Quest\_type: FR

TCLS3HRS SCIENCE CLASS 3/HOURS PER WEEK 39  
 Position: 82- 83 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL3H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/C Val\_key: Quest\_type: FR

TCLS3BOY SCIENCE CLASS 3/N OF MALE STUDENTS 40  
 Position: 84- 85 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL3M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/C Val\_key: Quest\_type: FR

TCLS3GIR SCIENCE CLASS 3/N OF FEMALE STUDENTS 41  
 Position: 86- 87 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL3F Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/C Val\_key: Quest\_type: FR

TCLS4YR SCIENCE CLASS 4/GRADE LEVEL 42  
 Position: 88- 89 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL4G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/D Val\_key: Quest\_type: FR

TCLS4SUB SCIENCE CLASS 4/NAME SUBJECT 43  
 Position: 90- 91 (F2.0)

Value Label  
 1 science  
 2 earth science  
 3 biology  
 4 chemistry  
 5 physics  
 6 other  
 7 other  
 8 other  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL4N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/D Val\_key: Quest\_type: FR

TCLS4HRS SCIENCE CLASS 4/HOURS PER WEEK 44  
 Position: 92- 93 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL4H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/D Val\_key: Quest\_type: FR

TCLS4BOY SCIENCE CLASS 4/N OF MALE STUDENTS 45  
 Position: 94- 95 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL4M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/D Val\_key: Quest\_type: FR

TCLS4GIR SCIENCE CLASS 4/N OF FEMALE STUDENTS 46  
 Position: 96- 97 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL4F Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/D Val\_key: Quest\_type: FR

TCLS5YR SCIENCE CLASS 5/GRADE LEVEL 47  
 Position: 98- 99 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL5G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/E Val\_key: Quest\_type: FR

TCLS5SUB SCIENCE CLASS 5/NAME SUBJECT 48  
 Position: 100- 101 (F2.0)

Value Label  
 1 science  
 2 earth science  
 3 biology  
 4 chemistry  
 5 physics  
 6 other  
 7 other  
 8 other  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL5N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/E Val\_key: Quest\_type: FR

TCLS5HRS SCIENCE CLASS 5/HOURS PER WEEK 49  
 Position: 102- 103 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL5H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/E Val\_key: Quest\_type: FR

TCLS5BOY SCIENCE CLASS 5/N OF MALE STUDENTS 50  
 Position: 104- 105 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL5M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/E Val\_key: Quest\_type: FR

TCLS5GIR SCIENCE CLASS 5/N OF FEMALE STUDENTS 51  
 Position: 106- 107 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL5F Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/E Val\_key: Quest\_type: FR

TCLS6YR SCIENCE CLASS 6/GRADE LEVEL 52  
 Position: 108- 109 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL6G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/F Val\_key: Quest\_type: FR

TCLS6SUB SCIENCE CLASS 6/NAME SUBJECT 53  
 Position: 110- 111 (F2.0)

Value Label  
 1 science  
 2 earth science  
 3 biology  
 4 chemistry  
 5 physics  
 6 other  
 7 other  
 8 other  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL6N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/F Val\_key: Quest\_type: FR

TCLS6HRS SCIENCE CLASS 6/HOURS PER WEEK 54  
Position: 112- 113 (F2.0)

Value Label

98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBSCL6H Meas\_class: R  
Var\_type: BG Quest\_loc: 14/F Val\_key: Quest\_type: FR

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TCLS6BOY SCIENCE CLASS 6/N OF MALE STUDENTS 55  
Position: 114- 115 (F2.0)

Value Label

98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBSCL6M Meas\_class: R  
Var\_type: BG Quest\_loc: 14/F Val\_key: Quest\_type: FR

---

TCLS6GIR SCIENCE CLASS 6/N OF FEMALE STUDENTS 56  
Position: 116- 117 (F2.0)

Value Label

98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBSCL6F Meas\_class: R  
Var\_type: BG Quest\_loc: 14/F Val\_key: Quest\_type: FR

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TCLS7YR SCIENCE CLASS 7/GRADE LEVEL 57  
Position: 118- 119 (F2.0)

Value Label

98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBSCL7G Meas\_class: O  
Var\_type: BG Quest\_loc: 14/G Val\_key: Quest\_type: FR

---



TCLS7SUB SCIENCE CLASS 7/NAME SUBJECT 58  
 Position: 120- 121 (F2.0)

Value	Label
1	science
2	earth science
3	biology
4	chemistry
5	physics
6	other
7	other
8	other
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL7N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/G Val\_key: Quest\_type: FR

TCLS7HRS SCIENCE CLASS 7/HOURS PER WEEK 59  
 Position: 122- 123 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL7H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/G Val\_key: Quest\_type: FR

TCLS7BOY SCIENCE CLASS 7/N OF MALE STUDENTS 60  
 Position: 124- 125 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL7M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/G Val\_key: Quest\_type: FR

TCLS7GIR SCIENCE CLASS 7/N OF FEMALE STUDENTS 61  
 Position: 126- 127 (F2.0)

Value	Label
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBSCL7F Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/G Val\_key: Quest\_type: FR

TCLS8YR SCIENCE CLASS 8/GRADE LEVEL 62  
 Position: 128- 129 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL8G Meas\_class: O  
 Var\_type: BG Quest\_loc: 14/H Val\_key: Quest\_type: FR

TCLS8SUB SCIENCE CLASS 8/NAME SUBJECT 63  
 Position: 130- 131 (F2.0)

Value Label  
 1 science  
 2 earth science  
 3 biology  
 4 chemistry  
 5 physics  
 6 other  
 7 other  
 8 other  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL8N Meas\_class: N  
 Var\_type: BG Quest\_loc: 14/H Val\_key: Quest\_type: FR

TCLS8HRS SCIENCE CLASS 8/HOURS PER WEEK 64  
 Position: 132- 133 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL8H Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/H Val\_key: Quest\_type: FR

TCLS8BOY SCIENCE CLASS 8/N OF MALE STUDENTS 65  
 Position: 134- 135 (F2.0)

Value Label  
 98 .A not ascertained  
 99 .O missing data

Level\_id: TE Std\_name: BTBSCL8M Meas\_class: R  
 Var\_type: BG Quest\_loc: 14/H Val\_key: Quest\_type: FR

TCLS8GIR SCIENCE CLASS 8/N OF FEMALE STUDENTS 66  
Position: 136- 137 (F2.0)

Value Label  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBSCL8F Meas\_class: R  
Var\_type: BG Quest\_loc: 14/H Val\_key: Quest\_type: FR

---

QUESTION TEACHING METHODS/QUESTION AND ANSWER 67  
Position: 138- 139 (F2.0)

Value Label  
1 frequently  
2 occasionally  
3 rarely  
4 never  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBTEME1 Meas\_class: O  
Var\_type: BG Quest\_loc: 15/A Val\_key: Quest\_type: MC

---

LECTURE TEACHING METHODS/LECTURE 68  
Position: 140- 141 (F2.0)

Value Label  
1 frequently  
2 occasionally  
3 rarely  
4 never  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBTEME2 Meas\_class: O  
Var\_type: BG Quest\_loc: 15/B Val\_key: Quest\_type: MC

---

ASSIGN TEACHING METHODS/STUDENT ASSIGNMENTS 69  
Position: 142- 143 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBTEME3 Meas\_class: 0  
Var\_type: BG Quest\_loc: 15/C Val\_key: Quest\_type: MC

---

GROUPS TEACHING METHODS/GROUP ASSIGNMENTS 70  
Position: 144- 145 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBTEME4 Meas\_class: 0  
Var\_type: BG Quest\_loc: 15/D Val\_key: Quest\_type: MC

---

INDIV TEACHING METHODS/INDIVIDUAL PROGRAMS 71  
Position: 146- 147 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBTEME5 Meas\_class: 0  
Var\_type: BG Quest\_loc: 15/E Val\_key: Quest\_type: MC

---

AUDIOVIS TEACHING METHODS/AUDIO-VISUAL MATERIALS 72  
Position: 148- 149 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBTEME6 Meas\_class: 0  
Var\_type: BG Quest\_loc: 15/F Val\_key: Quest\_type: MC

---

FIELD TEACHING METHODS/FIELD TRIPS 73  
Position: 150- 151 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBTEME7 Meas\_class: 0  
Var\_type: BG Quest\_loc: 15/G Val\_key: Quest\_type: MC

---

DIVIDE BASIS DIVISION OF CLASS INTO GROUPS 74  
Position: 152- 152 (F1.0)

Value	Label
1	groups not used
2	ability groups
3	students choose
4	other
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBDIVGR Meas\_class: N  
Var\_type: BG Quest\_loc: 16 Val\_key: Quest\_type: MC

---

PRACWORK AMOUNT PRACTICAL WORK 75  
Position: 153- 154 (F2.0)

Value	Label
1	none/very little
2	about 1/4 time
3	about 1/2 time
4	3/4 or more
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBPRACW Meas\_class: 0  
Var\_type: BG Quest\_loc: 17 Val\_key: Quest\_type: MC

---

TCHLAB AMOUNT TEACHING IN LABORATORY 76  
Position: 155- 155 (F1.0)

Value	Label
1	< 40 percent
2	40-60 percent
3	60-80 percent
4	> 80 percent
5	no science rooms
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBLABTE Meas\_class: N  
Var\_type: BG Quest\_loc: 18 Val\_key: Quest\_type: MC

---

NEEDLEAV TEACHING CRITERIA/NEED AFTER SCHOOL 77  
Position: 156- 157 (F2.0)

Value	Label
1	very important
2	of some importance
3	of little importance
4	of no importance
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBCRIT1 Meas\_class: 0  
Var\_type: BG Quest\_loc: 19/A Val\_key: Quest\_type: MC

---

SYLLABUS TEACHING CRITERIA/OFFICIAL SYLLABUS 78  
Position: 158- 159 (F2.0)

Value Label  
1 very important  
2 of some importance  
3 of little importance  
4 of no importance  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBCRIT2 Meas\_class: 0  
Var\_type: BG Quest\_loc: 19/B Val\_key: Quest\_type: MC

---

TEXT TEACHING CRITERIA/TEXTBOOKS 79  
Position: 160- 161 (F2.0)

Value Label  
1 very important  
2 of some importance  
3 of little importance  
4 of no importance  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBCRIT3 Meas\_class: 0  
Var\_type: BG Quest\_loc: 19/C Val\_key: Quest\_type: MC

---

EXAM TEACHING CRITERIA/EXTERNAL EXAMS 80  
Position: 162- 163 (F2.0)

Value Label  
1 very important  
2 of some importance  
3 of little importance  
4 of no importance  
98 .A not ascertained  
99 .O missing data

Level\_id: TE Std\_name: BTBCRIT4 Meas\_class: 0  
Var\_type: BG Quest\_loc: 19/D Val\_key: Quest\_type: MC

---

NEEDNEXT TEACHING CRITERIA/PREPARE FOR NEXT GRADE 81  
Position: 164- 165 (F2.0)

Value	Label
1	very important
2	of some importance
3	of little importance
4	of no importance
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBCRIT5 Meas\_class: N  
Var\_type: BG Quest\_loc: 19/E Val\_key: Quest\_type: MC

---

THINKSCI TEACHING CRITERIA/THINK SCIENTIFICALLY 82  
Position: 166- 167 (F2.0)

Value	Label
1	very important
2	of some importance
3	of little importance
4	of no importance
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBCRIT6 Meas\_class: O  
Var\_type: BG Quest\_loc: 19/F Val\_key: Quest\_type: MC

---

SCIKNOW TEACHING CRITERIA/SCIENTIFIC KNOWLEDGE 83  
Position: 168- 169 (F2.0)

Value	Label
1	very important
2	of some importance
3	of little importance
4	of no importance
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBCRIT7 Meas\_class: O  
Var\_type: BG Quest\_loc: 19/G Val\_key: Quest\_type: MC

---



RESTRICT RESTRICTIONS TO ADAPT SYLLABUS 84  
Position: 170- 170 (F1.0)

Value	Label
1	no restrictions
2	within school
3	outside school
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBRESTR Meas\_class: N  
Var\_type: BG Quest\_loc: 20 Val\_key: Quest\_type: MC

---

LABFAC LABORATORY LIMITATIONS HAMPER TEACHING 85  
Position: 171- 171 (F1.0)

Value	Label
1	very seriously
2	slightly
3	not at all
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBLIMLB Meas\_class: 0  
Var\_type: BG Quest\_loc: 21 Val\_key: Quest\_type: MC

---

STDTEST ASSESS METHODS/STANDARDIZED TESTS 86  
Position: 172- 173 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBASME1 Meas\_class: 0  
Var\_type: BG Quest\_loc: 22/A Val\_key: Quest\_type: MC

---

ESSAY ASSESS METHODS/ESSAY TESTS 87  
Position: 174- 175 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBASME2 Meas\_class: 0  
Var\_type: BG Quest\_loc: 22/B Val\_key: Quest\_type: MC

---

TCHRTEST ASSESS METHODS/OBJECTIVE TESTS 88  
Position: 176- 177 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBASME3 Meas\_class: 0  
Var\_type: BG Quest\_loc: 22/C Val\_key: Quest\_type: MC

---

HMWK ASSESS METHODS/HOMEWORK 89  
Position: 178- 179 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBASME4 Meas\_class: 0  
Var\_type: BG Quest\_loc: 22/D Val\_key: Quest\_type: MC

---

PROJECT ASSESS METHODS/PROJECT WORK 90  
Position: 180- 181 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBASME5 Meas\_class: 0  
Var\_type: BG Quest\_loc: 22/E Val\_key: Quest\_type: MC

---

TCALCUSE USE CALCULATORS IN SCIENCE LESSONS 91  
Position: 182- 183 (F2.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
98	.A not ascertained
99	.O missing data

Level\_id: TE Std\_name: BTBCALC Meas\_class: 0  
Var\_type: BG Quest\_loc: 23 Val\_key: Quest\_type: MC

---

TCPTRSCH ACCESS TO COMPUTER AT SCHOOL 92  
Position: 184- 184 (F1.0)

Value	Label
1	yes
2	no
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBCOMP1 Meas\_class: N  
Var\_type: BG Quest\_loc: 24 Val\_key: Quest\_type: MC

---

TCPTRUSE USE COMPUTER IN SCIENCE 93  
Position: 185- 185 (F1.0)

Value	Label
1	frequently
2	occasionally
3	rarely
4	never
8	.A not ascertained
9	.O missing data

Level\_id: TE Std\_name: BTBCOMP2 Meas\_class: 0  
Var\_type: BG Quest\_loc: 25 Val\_key: Quest\_type: MC

---