

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:

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:

```
CNTRYNUM    COUNTRY NUMBER                      3  
Position:   10-  11 (F2.0)
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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
Position:  12-  12 (F1.0)

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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)

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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:
```

STRWGTA	STRATUM WEIGHT/GENERAL	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:
```

STRWGTTB	STRATUM WEIGHT/BIOLOGY	10
	Position: 32- 39 (F8.6)	

Value	Label
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9 .A missing data

```
Level_id: SM      Std_name: WT_SM_B      Meas_class: R
Var_type: WT      Quest_loc:              Val_key:      Quest_type:
```

```
STRWGTC      STRATUM WEIGHT/CHEMISTRY                      11
Position:    40-  47 (F8.6)
```

Value	Label
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9 .A missing data

```
Level_id: SM      Std_name: WT_SM_C      Meas_class: R
Var_type: WT      Quest_loc:              Val_key:      Quest_type:
```

STRWGTP STRATUM WEIGHT/PHYSICS 12
 Position: 48- 55 (F8.6)

Value Label

9 .A missing data

Level_id: SM Std_name: WT_SM_P Meas_class: R
 Var_type: WT Quest_loc: Val_key: Quest_type:

STRWGTTN STRATUM WEIGHT/NON-SPECIALIST 13
 Position: 56- 63 (F8.6)

Value Label

9 .A missing data

Level_id: SM Std_name: WT_SM_N Meas_class: R
 Var_type: WT Quest_loc: Val_key: Quest_type:

TSEX TEACHER SEX 14
 Position: 64- 64 (F1.0)

Value Label

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

Level_id: TE Std_name: CTBSEX Meas_class: N
 Var_type: BG Quest_loc: 1 Val_key: Quest_type: MC

TAGE TEACHER AGE 15
 Position: 65- 65 (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 .O missing data

Level_id: TE Std_name: CTBAGE Meas_class: O
 Var_type: BG Quest_loc: 2 Val_key: Quest_type: MC

TPOSTED YEARS POST-SECONDARY EDUCATION 16
Position: 66- 66 (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	.O missing data

Level_id: TE Std_name: CTBPOSED Meas_class: 0
Var_type: BG Quest_loc: 3 Val_key: Quest_type: MC

TPOSTSCI AMOUNT POST-SECONDARY SCIENCE EDUCATION 17
Position: 67- 68 (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	.O missing data

Level_id: TE Std_name: CTBSCIED Meas_class: N
Var_type: BG Quest_loc: 4 Val_key: Quest_type: MC

TCHEXP YEARS TEACHING EXPERIENCE 18
Position: 69- 69 (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: CTBYEARS Meas_class: 0
Var_type: BG Quest_loc: 5 Val_key: Quest_type: MC

HRSSCI HOURS SPENT AT SCHOOL/SCIENCE SUBJECTS 19
Position: 70- 71 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBHOURL Meas_class: R
Var_type: BG Quest_loc: 6/A Val_key: Quest_type: FR

HRSMATH HOURS SPENT AT SCHOOL/MATH SUBJECTS 20
Position: 72- 73 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBHOURL2 Meas_class: R
Var_type: BG Quest_loc: 6/B Val_key: Quest_type: FR

HRSOOTHER HOURS SPENT AT SCHOOL/OTHER SUBJECTS 21
Position: 74- 75 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBHOURL3 Meas_class: R
Var_type: BG Quest_loc: 6/C Val_key: Quest_type: FR

HRSMARK HOURS SPENT AT SCHOOL/PREPARING LESSONS 22
Position: 76- 77 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBHOURL4 Meas_class: R
Var_type: BG Quest_loc: 6/D Val_key: Quest_type: FR

MARKOUT HOURS OUTSIDE SCHOOL/PREPARING LESSONS 23
Position: 78- 78 (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: CTBHOURO	Meas_class: O
Var_type: BG	Quest_loc: 7	Val_key: Quest_type: MC

SCTCHASS MEMBER SCIENCE TEACHER ASSOCIATION 24
Position: 79- 79 (F1.0)

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

Level_id: TE	Std_name: CTBMEMBS	Meas_class: N
Var_type: BG	Quest_loc: 8	Val_key: Quest_type: MC

READGEN READING TEACHING JOURNALS 25
Position: 80- 80 (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: CTBREAD1	Meas_class: N
Var_type: BG	Quest_loc: 9	Val_key: Quest_type: MC

READSCI READING SCIENCE JOURNALS 26
Position: 81- 81 (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: CTBREAD2	Meas_class: N
Var_type: BG	Quest_loc: 10	Val_key: Quest_type: MC

INSERV AMOUNT INSERVICE EDUCATION 27
Position: 82- 82 (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: CTBINSERD	Meas_class: O
Var_type: BG	Quest_loc: 11	Val_key: Quest_type: MC

TCHGOUT TEACHING SCIENCE OUTSIDE TRAINING 28
Position: 83- 83 (F1.0)

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

Level_id: TE	Std_name: CTBTOUTT	Meas_class: N
Var_type: BG	Quest_loc: 12	Val_key: Quest_type: MC

GROSALYR GROSS SALARY PER YEAR 29
Position: 84- 86 (F3.0)

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

Level_id: TE	Std_name: CTBSALGR	Meas_class: R
Var_type: BG	Quest_loc: 13/A	Val_key: Quest_type: FR

NETSALYR NET SALARY PER YEAR 30
Position: 87- 89 (F3.0)

Value Label

998 .A not ascertained
999 missing data

Level_id: TE Std_name: CTBSALNT Meas_class: R
Var_type: BG Quest_loc: 13/B Val_key: Quest_type: FR

TCLS1YR SCIENCE CLASS 1/GRADE LEVEL 31
Position: 90- 91 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL1G Meas_class: O
Var_type: BG Quest_loc: 14/A Val_key: Quest_type: FR

TCLS1SUB SCIENCE CLASS 1/NAME SUBJECT 32
Position: 92- 93 (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: CTBSCL1N Meas_class: N
Var_type: BG Quest_loc: 14/A Val_key: Quest_type: FR

TCLS1HRS SCIENCE CLASS 1/HOURS PER WEEK 33
Position: 94- 95 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL1H Meas_class: R
Var_type: BG Quest_loc: 14/A Val_key: Quest_type: FR

TCLS1BOY SCIENCE CLASS 1/N OF MALE STUDENTS 34
Position: 96- 97 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL1M Meas_class: R
Var_type: BG Quest_loc: 14/A Val_key: Quest_type: FR

TCLS1GIR SCIENCE CLASS 1/N OF FEMALE STUDENTS 35
Position: 98- 99 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL1F Meas_class: R
Var_type: BG Quest_loc: 14/A Val_key: Quest_type: FR

TCLS2YR SCIENCE CLASS 2/GRADE LEVEL 36
Position: 100- 101 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL2G Meas_class: O
Var_type: BG Quest_loc: 14/B Val_key: Quest_type: FR

TCLS2SUB SCIENCE CLASS 2/NAME SUBJECT 37
Position: 102- 103 (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: CTBSCL2N Meas_class: N
Var_type: BG Quest_loc: 14/B Val_key: Quest_type: FR

TCLS2HRS SCIENCE CLASS 2/HOURS PER WEEK 38
Position: 104- 105 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL2H Meas_class: R
Var_type: BG Quest_loc: 14/B Val_key: Quest_type: FR

TCLS2BOY SCIENCE CLASS 2/N OF MALE STUDENTS 39
Position: 106- 107 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL2M Meas_class: R
Var_type: BG Quest_loc: 14/B Val_key: Quest_type: FR

TCLS2GIR SCIENCE CLASS 2/N OF FEMALE STUDENTS 40
Position: 108- 109 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL2F Meas_class: R
Var_type: BG Quest_loc: 14/B Val_key: Quest_type: FR

TCLS3YR SCIENCE CLASS 3/GRADE LEVEL 41
Position: 110- 111 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL3G Meas_class: O
Var_type: BG Quest_loc: 14/C Val_key: Quest_type: FR

TCLS3SUB SCIENCE CLASS 3/NAME SUBJECT 42
Position: 112- 113 (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: CTBSCL3N	Meas_class: N
Var_type: BG	Quest_loc: 14/C	Val_key: Quest_type: FR

TCLS3HRS SCIENCE CLASS 3/HOURS PER WEEK 43
Position: 114- 115 (F2.0)

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

Level_id: TE	Std_name: CTBSCL3H	Meas_class: R
Var_type: BG	Quest_loc: 14/C	Val_key: Quest_type: FR

TCLS3BOY SCIENCE CLASS 3/N OF MALE STUDENTS 44
Position: 116- 117 (F2.0)

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

Level_id: TE	Std_name: CTBSCL3M	Meas_class: R
Var_type: BG	Quest_loc: 14/C	Val_key: Quest_type: FR

TCLS3GIR SCIENCE CLASS 3/N OF FEMALE STUDENTS 45
Position: 118- 119 (F2.0)

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

Level_id: TE	Std_name: CTBSCL3F	Meas_class: R
Var_type: BG	Quest_loc: 14/C	Val_key: Quest_type: FR

TCLS4YR SCIENCE CLASS 4/GRADE LEVEL 46
Position: 120- 121 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL4G Meas_class: O
Var_type: BG Quest_loc: 14/D Val_key: Quest_type: FR

TCLS4SUB SCIENCE CLASS 4/NAME SUBJECT 47
Position: 122- 123 (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: CTBSCL4N Meas_class: N
Var_type: BG Quest_loc: 14/D Val_key: Quest_type: FR

TCLS4HRS SCIENCE CLASS 4/HOURS PER WEEK 48
Position: 124- 125 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL4H Meas_class: R
Var_type: BG Quest_loc: 14/D Val_key: Quest_type: FR

TCLS4BOY SCIENCE CLASS 4/N OF MALE STUDENTS 49
Position: 126- 127 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL4M Meas_class: R
Var_type: BG Quest_loc: 14/D Val_key: Quest_type: FR

TCLS4GIR SCIENCE CLASS 4/N OF FEMALE STUDENTS 50
Position: 128- 129 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL4F Meas_class: R
Var_type: BG Quest_loc: 14/D Val_key: Quest_type: FR

TCLS5YR SCIENCE CLASS 5/GRADE LEVEL 51
Position: 130- 131 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL5G Meas_class: O
Var_type: BG Quest_loc: 14/E Val_key: Quest_type: FR

TCLS5SUB SCIENCE CLASS 5/NAME SUBJECT 52
Position: 132- 133 (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: CTBSCL5N Meas_class: N
Var_type: BG Quest_loc: 14/E Val_key: Quest_type: FR

TCLS5HRS SCIENCE CLASS 5/HOURS PER WEEK 53
Position: 134- 135 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL5H Meas_class: R
Var_type: BG Quest_loc: 14/E Val_key: Quest_type: FR

TCLS5BOY SCIENCE CLASS 5/N OF MALE STUDENTS 54
Position: 136- 137 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL5M Meas_class: R
Var_type: BG Quest_loc: 14/E Val_key: Quest_type: FR

TCLS5GIR SCIENCE CLASS 5/N OF FEMALE STUDENTS 55
Position: 138- 139 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL5F Meas_class: R
Var_type: BG Quest_loc: 14/E Val_key: Quest_type: FR

TCLS6YR SCIENCE CLASS 6/GRADE LEVEL 56
Position: 140- 141 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL6G Meas_class: O
Var_type: BG Quest_loc: 14/F Val_key: Quest_type: FR

TCLS6SUB SCIENCE CLASS 6/NAME SUBJECT 57
Position: 142- 143 (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: CTBSCL6N Meas_class: N
Var_type: BG Quest_loc: 14/F Val_key: Quest_type: FR

TCLS6HRS SCIENCE CLASS 6/HOURS PER WEEK 58
Position: 144- 145 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL6H Meas_class: R
Var_type: BG Quest_loc: 14/F Val_key: Quest_type: FR

TCLS6BOY SCIENCE CLASS 6/N OF MALE STUDENTS 59
Position: 146- 147 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL6M Meas_class: R
Var_type: BG Quest_loc: 14/F Val_key: Quest_type: FR

TCLS6GIR SCIENCE CLASS 6/N OF FEMALE STUDENTS 60
Position: 148- 149 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL6F Meas_class: R
Var_type: BG Quest_loc: 14/F Val_key: Quest_type: FR

TCLS7YR SCIENCE CLASS 7/GRADE LEVEL 61
Position: 150- 151 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL7G Meas_class: O
Var_type: BG Quest_loc: 14/G Val_key: Quest_type: FR

TCLS7SUB SCIENCE CLASS 7/NAME SUBJECT 62
Position: 152- 153 (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: CTBSCL7N	Meas_class: N
Var_type: BG	Quest_loc: 14/G	Val_key: Quest_type: FR

TCLS7HRS SCIENCE CLASS 7/HOURS PER WEEK 63
Position: 154- 155 (F2.0)

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

Level_id: TE	Std_name: CTBSCL7H	Meas_class: R
Var_type: BG	Quest_loc: 14/G	Val_key: Quest_type: FR

TCLS7BOY SCIENCE CLASS 7/N OF MALE STUDENTS 64
Position: 156- 157 (F2.0)

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

Level_id: TE	Std_name: CTBSCL7M	Meas_class: R
Var_type: BG	Quest_loc: 14/G	Val_key: Quest_type: FR

TCLS7GIR SCIENCE CLASS 7/N OF FEMALE STUDENTS 65
Position: 158- 159 (F2.0)

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

Level_id: TE	Std_name: CTBSCL7F	Meas_class: R
Var_type: BG	Quest_loc: 14/G	Val_key: Quest_type: FR

TCLS8YR SCIENCE CLASS 8/GRADE LEVEL 66
Position: 160- 161 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL8G Meas_class: O
Var_type: BG Quest_loc: 14/H Val_key: Quest_type: FR

TCLS8SUB SCIENCE CLASS 8/NAME SUBJECT 67
Position: 162- 163 (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: CTBSCL8N Meas_class: N
Var_type: BG Quest_loc: 14/H Val_key: Quest_type: FR

TCLS8HRS SCIENCE CLASS 8/HOURS PER WEEK 68
Position: 164- 165 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL8H Meas_class: R
Var_type: BG Quest_loc: 14/H Val_key: Quest_type: FR

TCLS8BOY SCIENCE CLASS 8/N OF MALE STUDENTS 69
Position: 166- 167 (F2.0)

Value Label

98 .A not ascertained
99 .O missing data

Level_id: TE Std_name: CTBSCL8M Meas_class: R
Var_type: BG Quest_loc: 14/H Val_key: Quest_type: FR

TCLS8GIR SCIENCE CLASS 8/N OF FEMALE STUDENTS 70
 Position: 168- 169 (F2.0)

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

Level_id: TE	Std_name: CTBSCL8F	Meas_class: R
Var_type: BG	Quest_loc: 14/H	Val_key: Quest_type: FR

QUESTION TEACHING METHODS/QUESTION AND ANSWER 71
 Position: 170- 171 (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: CTBTEME1	Meas_class: O
Var_type: BG	Quest_loc: 15/A	Val_key: Quest_type: MC

LECTURE TEACHING METHODS/LECTURE 72
 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: CTBTEME2	Meas_class: O
Var_type: BG	Quest_loc: 15/B	Val_key: Quest_type: MC

ASSIGN TEACHING METHODS/STUDENT ASSIGNMENTS 73
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: CTBTME3	Meas_class: 0
Var_type: BG	Quest_loc: 15/C	Val_key: Quest_type: MC

GROUPS TEACHING METHODS/GROUP ASSIGNMENTS 74
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: CTBTME4	Meas_class: 0
Var_type: BG	Quest_loc: 15/D	Val_key: Quest_type: MC

INDIV TEACHING METHODS/INDIVIDUAL PROGRAMS 75
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: CTBTME5	Meas_class: 0
Var_type: BG	Quest_loc: 15/E	Val_key: Quest_type: MC

AUDIOVIS TEACHING METHODS/AUDIO-VISUAL MATERIALS 76
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: CTBTME6	Meas_class: O
Var_type: BG	Quest_loc: 15/F	Val_key: Quest_type: MC

FIELD TEACHING METHODS/FIELD TRIPS 77
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: CTBTME7	Meas_class: O
Var_type: BG	Quest_loc: 15/G	Val_key: Quest_type: MC

DIVIDE BASIS DIVISION OF CLASS INTO GROUPS 78
Position: 184- 184 (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: CTBDIVGR	Meas_class: N
Var_type: BG	Quest_loc: 16	Val_key: Quest_type: MC

PRACWORK AMOUNT PRACTICAL WORK 79
 Position: 185- 186 (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: CTBPRACW	Meas_class: O
Var_type: BG	Quest_loc: 17	Val_key: Quest_type: MC

TCHLAB AMOUNT TEACHING IN LABORATORY 80
 Position: 187- 187 (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: CTBLABTE	Meas_class: N
Var_type: BG	Quest_loc: 18	Val_key: Quest_type: MC

NEEDLEAV TEACHING CRITERIA/NEED AFTER SCHOOL 81
 Position: 188- 189 (F2.0)

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

Level_id: TE	Std_name: CTBCRIT1	Meas_class: O
Var_type: BG	Quest_loc: 19/A	Val_key: Quest_type: MC

SYLLABUS TEACHING CRITERIA/OFFICIAL SYLLABUS 82
 Position: 190- 191 (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: CTBCRIT2	Meas_class: 0
Var_type: BG	Quest_loc: 19/B	Val_key: Quest_type: MC

TEXT TEACHING CRITERIA/TEXTBOOKS 83
 Position: 192- 193 (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: CTBCRIT3	Meas_class: 0
Var_type: BG	Quest_loc: 19/C	Val_key: Quest_type: MC

EXAM TEACHING CRITERIA/EXTERNAL EXAMS 84
 Position: 194- 195 (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: CTBCRIT4	Meas_class: 0
Var_type: BG	Quest_loc: 19/D	Val_key: Quest_type: MC

NEEDNEXT TEACHING CRITERIA/PREPARE FOR NEXT GRADE 85
Position: 196- 197 (F2.0)

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

Level_id: TE	Std_name: CTBCRIT5	Meas_class: N
Var_type: BG	Quest_loc: 19/E	Val_key: Quest_type: MC

THINKSCI TEACHING CRITERIA/THINK SCIENTIFICALLY 86
Position: 198- 199 (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: CTBCRIT6	Meas_class: O
Var_type: BG	Quest_loc: 19/F	Val_key: Quest_type: MC

SCIKNOW TEACHING CRITERIA/SCIENTIFIC KNOWLEDGE 87
Position: 200- 201 (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: CTBCRIT7	Meas_class: O
Var_type: BG	Quest_loc: 19/G	Val_key: Quest_type: MC

RESTRICT RESTRICTIONS TO ADAPT SYLLABUS 88
Position: 202- 202 (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: CTBRESTR	Meas_class: N
Var_type: BG	Quest_loc: 20	Val_key: Quest_type: MC

LABFAC LABORATORY LIMITATIONS HAMPER TEACHING 89
Position: 203- 203 (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: CTBLIMLB	Meas_class: O
Var_type: BG	Quest_loc: 21	Val_key: Quest_type: MC

STDTEST ASSESS METHODS/STANDARDIZED TESTS 90
Position: 204- 205 (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: CTBASME1	Meas_class: O
Var_type: BG	Quest_loc: 22/A	Val_key: Quest_type: MC

ESSAY ASSESS METHODS/ESSAY TESTS 91
 Position: 206- 207 (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: CTBASME2	Meas_class: 0
Var_type: BG	Quest_loc: 22/B	Val_key: Quest_type: MC

TCHRTEST ASSESS METHODS/OBJECTIVE TESTS 92
 Position: 208- 209 (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: CTBASME3	Meas_class: 0
Var_type: BG	Quest_loc: 22/C	Val_key: Quest_type: MC

HMWK ASSESS METHODS/HOMEWORK 93
 Position: 210- 211 (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: CTBASME4	Meas_class: 0
Var_type: BG	Quest_loc: 22/D	Val_key: Quest_type: MC

PROJECT ASSESS METHODS/PROJECT WORK 94
 Position: 212- 213 (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: CTBASME5	Meas_class: O
Var_type: BG	Quest_loc: 22/E	Val_key: Quest_type: MC

TCALCUSE USE CALCULATORS IN SCIENCE LESSONS 95
 Position: 214- 215 (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: CTBCALC	Meas_class: O
Var_type: BG	Quest_loc: 23	Val_key: Quest_type: MC

TCPTRSCH ACCESS TO COMPUTER AT SCHOOL 96
 Position: 216- 216 (F1.0)

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

Level_id: TE	Std_name: CTBCOMP1	Meas_class: N
Var_type: BG	Quest_loc: 24	Val_key: Quest_type: MC

TCPTRUSE USE COMPUTER IN SCIENCE 97
Position: 217- 217 (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: CTBCOMP2	Meas_class: 0
Var_type: BG	Quest_loc: 25	Val_key: Quest_type: MC
