IEA - Data Enhancement Project

Questionnaire printing

Study: SC2

Population: 2

Instrument: TQTCH2

Teacher Questionnaire Population 2

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1 Please state your sex.

A male
B female

TSEX

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2 Please state your age.

A 27 years or younger
B 28 - 37 years
C 38 - 47 years
D 48 - 57 years
E 58 years or older

TAGE

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3 How many years of full-time education (tertiary education) did you receive *after* completing your secondary education? (Include part-time education also by reducing it to its full-time equivalent.)

A no further education after leaving secondary school
B 1 year
C 2 years
D 3 years
E 4 years
F 5 or more years

TPOSTED

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4 How much of your further education (after completing secondary education) was spent on studying science subjects?

A no further education after leaving secondary school
B further education but no study of science
C up to *a quarter* of further education on science subjects
D between *a quarter* and *three-quarters* of further education on science subjects
E more than *three-quarters* of further education on science subjects

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TPOSTSCI

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5 Including this year, how many years teaching experience have you had?

A up to 5 years
B 6 - 10 years
C 11 - 20 years
D 21 - 30 years
E more than 30 years

TCHEXP

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6 Please state the number of periods or hours you spend *at school* in a typical school week on the following activities.

(a) teaching *science* subjects periods or hrs

(b) teaching *mathematics* subjects periods or hrs

(c) teaching *other* subjects periods or hrs

(d) marking tests and examinations or preparing lessons periods or hrs

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HRSSCI HRSMATH HRSOTHER HRSMARK

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7 About how many hours per week *on the average* do you spend *outside* school hours (after school, evenings, etc.) on marking tests and examinations or preparing lessons for all the subjects you teach, including science?

A up to 3 hours
B 4 - 6 hours
C 7 - 10 hours
D 11 - 15 hours
E more than 15 hours

MARKOUT

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8 Are you a member of a *science* teachers association?

A yes
B no

SCTCHASS

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9 How often do you read academic journals or other periodicals *related* *to teaching in general* ?

A regularly (each week)
B occasionally (several times a year)
C rarely or never

READGEN

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10 How often do you read journals or periodicals on *science* subjects?

A regularly (each week)
B occasionally (several times a year)
C rarely or never

READSCI

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11 During the last 12 months, what is the *total* amount of time you have spent on inservice training related to the *teaching of science* ? Please include meetings or conferences on *science* education as well as formal courses in science subjects. Convert sessions of less that one day into the equivalent number of full days.

A none
B less than one day
C 1 - 2 days
D 3 - 5 days
E more than 5 days

INSERV

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12 Do you now have teaching responsibilities which are outside your initial area of training?

A yes
B no

TCHGOUT

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13 Please state the annual salary you receive as a teacher. (Please note that this item is optional, but it would be of great value to the study if you would answer it.)

Annual salary: approximate gross amount *before* taxes have been deducted.

(a) (national currency units per *year*) or (national currency units per *month*)

Annual salary: approximate net amount *after* taxes have been deducted.

(b) (national currency units per *year*) or (national currency units per *month*)

GROSALYR NETSALYR

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14 For each class-group to which you teach *science* please state:

(1) the name of the class-group
(2) the grade level of the class-group
(3) the name of the science course or subject
(for example: Science or Human Biology)
(4) the amount of class time spent each week for each science course or subject:
(4a) in *periods* per week *or*
(4b) in *hours* per week
(5) the number of students in the class for each science course or subject:
(5a) boys *and*
(5b) girls

	(1) Name of class-group	(2) Grade level	(3) Name of science course or subject	(4a) Number of periods per week	(4b) Number of hours per week	(4) Number of boys	(5) Number of girls
(a)							
(b)							
(c)							
(d)							
(e)							
(f)							
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15 How often do you use each of the following types of instructional method for teaching *science* ?

	Frequently	Occasionally	Rarely	Never
(a) Question-and-answer methods for presenting information to the whole class	A	B	C	D
(b) Lecture to the whole class followed by questions from students	A	B	C	D
(c) All students do the same assignment, working from their textbooks or other printed materials	A	B	C	D
(d) The class is divided into small groups of students who work together on the same assignment or different assignments, including practical/laboratory work	A	B	C	D
(e) Students follow individualized programs, which may include individual printed materials and laboratory work	A	B	C	D
(f) Presentation of audio-visual materials to the whole class: for example, slides, films, TV	A	B	C	D
(g) The whole class goes on field trips or excursions in connection with the science program	A	B	C	D

QUESTION	LECTURE	ASSIGN	GROUPS	INDIV	AUDIOVIS	FIELD

16 On what basis do you divide the whole class-group into smaller groups for practical work, group discussions, group work on assignments, etc.?

A Small group instructional methods are not used for this class-group.
B The teacher usually forms the small groups on the basis of ability.
C The students themselves usually choose the small groups with which they wish to work.
D *Other* (please describe).

DIVIDE

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17 How much time do the students usually spend on practical activities on their own or in small groups; for example, doing experiments or fieldwork?

A none or very little time
B about a *quarter* of the time
C about *half* of the time
D about *three-quarters* or more of the time

PRACWORK

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18 How much of your teaching of science in this class-group takes place in a room or laboratory equipped for science teaching and/or student practical work?

A less than 40 per cent
B 40 - 60 per cent
C 60 - 80 per cent
D more than 80 per cent
E no science rooms at this school

TCHLAB

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19 What is the importance of the following in determining what you teach on a day-to-day basis?

	Very important	Of some importance	Of little importance	Of no importance (does not apply)
(a) What I think the students in my class will need when they leave school	A	B	C	D
(b) The official curriculum of syllabus	A	B	C	D
(c) Prescribed textbook(s)	A	B	C	D
(d) The external examinations that the students will have to take	A	B	C	D
(e) What the students will need in the next grade or in the next course in this subject	A	B	C	D
(f) Developing the ability of the students to think scientifically	A	B	C	D
(g) Helping the students to acquire a systematic knowledge of scientific concepts	A	B	C	D

NEEDLEAV	SYLLABUS	TEXT	EXAM	NEEDNEXT	THINKSCI	SCIKNOW

20 Do you feel that there are restrictions on your freedom to adapt the teaching syllabus to suit your particular style of teaching and the needs of your students? If so, what is the source of the authority determining the restrictions?

A I feel no restrictions.
B I feel restrictions, determined by authorities within the school.
C I feel restrictions, determined by authorities outside the school.

RESTRICT

21 Do you feel that limitations of laboratory facilities and equipment in your school hamper your teaching?

A very seriously
B slightly
C not at all

LABFAC

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22 In assessing the work of your students in *science*, how often do you make use of the following type of assessment?

	Frequently	Occasionally	Rarely	Never
(a) Standardized tests produced outside the school	A	B	C	D
(b) Teacher-made essay tests, requiring at least one paragraph of writing	A	B	C	D
(c) Teacher-made objective (short-answer) test.	A	B	C	D
(d) Performance on home-work assignments.	A	B	C	D
(e) Performance on project work, including practical/ laboratory exercises	A	B	C	D

STDTEST ESSAY TCHRTEST HMWK PROJECT

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23 Do your students use electronic calculators during science lessons?

A frequently
B occasionally
C rarely
D never

TCALCUSE

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24 Do you have access to a computer for use in your science teaching?

A yes
B no

TCPTRSCH

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25 How often do you or your students use a computer during science lessons?

A frequently
B occasionally
C rarely
D never

TCPTRUSE
