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.. SECTION 2 ..
.. DEFINITION OF THE RESPONSE DATA LAYOUT ..
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THE RESPONSE DATA FILES ARE STORED SEPARATELY FROM THIS DOCUMENTATION FILE. THERE ARE THREE RESPONSE DATA FILES FOR EACH POPULATION OF EACH COUNTRY. ONE FILE CONTAINS ALL THE RESPONSE FROM THE STUDENT DATA COLLECTION LEVEL, ONE CONTAINS ALL THE DATA FROM THE TEACHER, AND ONE CONTAINS ALL THE DATA FROM THE SCHOOL.

.....
. PHYSICAL RECORD LAYOUT .
.
- 80-CHARACTER RECORDS .
.....

THESE MAY BE BLOCKED ACCORDING TO THE PARTICULAR SPECIFICATIONS OF THE TAPE OR DISK. ALSO, UNUSED TRAILING COLUMNS MAY BE LEFT BLANK OR TRIMMED OFF.

-
. RECORDS PER CASE .
.
- THERE ARE A FIXED NUMBER OF RECORDS PER CASE, THAT IS .
. PER SCHOOL, TEACHER OR STUDENT. THE NUMBER OF RECORDS .
. VARIES FROM COUNTRY TO COUNTRY, DEPENDING ON WHICH .
. INSTRUMENTS WERE EMPLOYED (SEE SECTION 1) .
.
.
- AT THE END OF THIS DOCUMENTATION SECTION THERE IS A .
. TABLE SHOWING THE NUMBER OF RECORDS FOR EACH KIND OF .
. FOR EACH COUNTRY. .
.....

-
. IDENTIFICATION RECORD .
.
- A BLOCK OF RECORDS, CORRESPONDING TO A SCHOOL, A .
. TEACHER, OR A STUDENT, BEGINS WITH A SPECIAL .
. IDENTIFICATION RECORD, WHICH GIVES THE ID CODES FOR .
. THE POSITION OF THE CASE IN THE DATA HIERARCHY AND .
. ALSO GIVES SPECIAL DATA AVAILABILITY CODES FOR EACH .
. OF THE POSSIBLE DATA COLLECTION INSTRUMENTS THAT COULD .
. APPLY TO THE CASE, TOGETHER WITH SAMPLING WEIGHTS, ETC..
.
.
- THE LAYOUT OF THE IDENTIFICATION RECORD DEPENDS ON THE .
. DATA LEVEL. FOR SCHOOL DATA THE FOLLOWING LAYOUT IS .
. IS USED: .
.....

1-2 COUNTRY CODE
 3-4 STRATUM CODE
 5-7 SCHOOL CODE
 9 AVAILABILITY OF THE SCHOOL QUESTIONNAIRE
 1 = NOT AVAILABLE (A BLANK DATA RECORD WILL
 BE INCLUDED)
 2 = AVAILABLE
 11-20 SAMPLING WEIGHT FOR THE SCHOOL'S STRATUM,
 FOR AVERAGING STRATUM MEANS
 21-30 SAMPLING WEIGHT FOR THE SCHOOL, FOR
 AVERAGING SCHOOL MEANS

- FOR TEACHER/CLASS DATA, THE FOLLOWING LAYOUT IS USED

1-2 COUNTRY CODE
 3-4 STRATUM CODE
 5-7 SCHOOL CODE
 8-9 CLASS CODE
 11-13 TEACHER CODE

 15 AVAILABILITY OF TEACHER BACKGROUND
 QUESTIONNAIRE
 1 = NOT AVAILABLE (BLANK DATA RECORDS WILL
 BE INCLUDED)
 2 = AVAILABLE

 17-18 AVAILABILITY OF OTL FOR CORE ITEMS
 20-21 AVAILABILITY OF OTL FOR FORM A ITEMS
 23-24 AVAILABILITY OF OTL FOR FORM B ITEMS
 26-27 AVAILABILITY OF OTL FOR FORM C ITEMS
 29-30 AVAILABILITY OF OTL FOR FORM D ITEMS
 THESE ARE CODED AS THE NUMBER OF MISSING OTL
 RESPONSES, SO ZERO INDICATES COMPLETE DATA.
 IN ALL CASES DATA RECORDS, PERHAPS BLANK,
 WILL BE INCLUDED.

 32 AVAILABILITY OF FRACTIONS CLASSROOM PROCESS
 QUESTIONNAIRE (610)
 34 AVAILABILITY OF RATIO/PROPORTION/PERCENT
 CLASSROOM PROCESS QUESTIONNAIRE (611)
 38 AVAILABILITY OF GEOMETRY CLASSROOM PROCESS
 QUESTIONNAIRE (613)
 40 AVAILABILITY OF ALGEBRA CLASSROOM PROCESS
 QUESTIONNAIRE (614)
 42 AVAILABILITY OF GENERAL CLASSROOM PROCESS
 QUESTIONNAIRE (615)
 0 = NOT APPLICABLE IN THE COUNTRY (NO BLANK
 RECORDS ARE PROVIDED)
 1 = NOT AVAILABLE FOR THIS TEACHER
 (BLANK RECORDS WILL BE PRESENT)
 2 = AVAILABLE

- FOR STUDENT RESPONSE DATA, THE FOLLOWING LAYOUT APPLIES

1-2 COUNTRY CODE

3-4 STRATUM CODE
5-7 SCHOOL CODE
8-9 CLASS CODE
11-13 STUDENT CODE

15 AVAILABILITY OF STUDENT PRETEST BACKGROUND QUESTIONNAIRE

1 = NOT AVAILABLE (BLANK DATA RECORDS WILL BE INCLUDED)
2 = AVAILABLE

17 AVAILABILITY OF STUDENT POSTTEST BACKGROUND QUESTIONNAIRE

1 = NOT AVAILABLE (BLANK DATA RECORDS WILL BE INCLUDED)
2 = AVAILABLE

18 AVAILABILITY OF PRETEST CORE

19 AVAILABILITY OF PRETEST ROTATED FORM

20 ROTATED FORM (1,2,3,4) AT PRETEST, OR 0 IF THERE IS NONE

21 AVAILABILITY OF POSTTEST CORE

22 AVAILABILITY OF POSTTEST ROTATED FORM

23 ROTATED FORM (1,2,3,4) AT POSTTEST OR 0 IF THERE IS NONE,

0 = NOT APPLICABLE (NO BLANK DATA RECORDS)

1 = NOT AVAILABLE (BLANK DATA RECORD INCLUDED)

2 = AVAILABLE BUT LIKELY INCOMPLETE AT THE THE END, AS DETERMINED BY A STATISTIC

3 = AVAILABLE AND COMPLETE

THE NOT APPLICABLE CASE ONLY ARRIVES IN B.C.

WHERE THE PRETEST HAD NO ROTATED FORM. IN

THE CASE OF JAPAN, THE SPECIAL PRETEST HAD

TWO PARTS, SO COLUMNS 18 AND 19 INDICATE

THE AVAILABILTY AND COMPLETENESS OF THE TWO

PARTS, AND COLUMN 20 IS 0.

- THE LAYOUT OF DATA RECORDS.

- THE NUMBER OF DATA RECORDS VARIES ACROSS THE QUESTIONNAIRES AS INDICATED IN THE TABLE BELOW. EACH RECORD BEGINS WITH THESE FIXED FIELDS:

1 BLANK

2-4 ORIGINAL CODE NUMBER OF THE INSTRUMENT

5 ORIGINAL CARD NUMBER WITHIN INSTRUMENT

6 BLANK

7FF THE DATA, DIVIDED INTO RECORDS AS WITH THE ORIGINAL INTERNATIONAL CODEBOOKS.

- IN THE CASE OF THE COGNITIVE DATA, THE SEPARATE RESPONSES FOR THE ITEMS ARE GIVEN AS ON SEPARATE CARDS. FOR TEACHER OTL:

1 FOR WHAT PERCENTAGE OF THE STUDENTS WILL GET IT

1 Data record, school questionnaire (800)
 46 Records for each teacher/classroom
 1 Identification record
 4 Data records, teacher background questionnaire (600)
 5 Data records, fractions questionnaire (610)
 3 Data records, ratio/proportion/percent questionnaire (611)
 5 Data records, measurement questionnaire (612)
 5 Data records, geometry questionnaire (613)
 5 Data records, algebra questionnaire (614)
 3 Data records, general classroom process questionnaire (615)
 3 Data records, OTL, core test (620)
 3 Data records, OTL, rotated form A (621)
 3 Data records, OTL, rotated form B (622)
 3 Data records, OTL, rotated form C (623)
 3 Data records, OTL, rotated form D (624)
 13 Records for each student
 1 Identification record
 1 Data record, pretest background questionnaire (500)
 2 Data record, pretest core (510)
 2 Data record, pretest rotated form (511-514)
 3 Data records, posttest background questionnaire (520)
 2 Data record, posttest core (520)
 2 Data record, posttest rotated form (521-524)
 40 France
 2 Records for each school
 1 Identification record
 1 Data record, school questionnaire (800)
 46 Records for each teacher/classroom
 1 Identification record
 4 Data records, teacher background questionnaire (600)
 5 Data records, fractions questionnaire (610)
 3 Data records, ratio/proportion/percent questionnaire (611)
 5 Data records, measurement questionnaire (612)
 5 Data records, geometry questionnaire (613)
 5 Data records, algebra questionnaire (614)
 3 Data records, general classroom process questionnaire (615)
 3 Data records, OTL, core test (620)
 3 Data records, OTL, rotated form A (621)
 3 Data records, OTL, rotated form B (622)
 3 Data records, OTL, rotated form C (623)
 3 Data records, OTL, rotated form D (624)
 17 Records for each student
 1 Identification record
 1 Data record, pretest background questionnaire (500)
 3 Data record, pretest core (510)
 3 Data record, pretest rotated form (511-514)
 3 Data records, posttest background questionnaire (520)
 3 Data record, posttest core (520)
 3 Data record, posttest rotated form (521-524)
 54 Japan
 2 Records for each school
 1 Identification record
 1 Data record, school questionnaire (800)
 33 Records for each teacher/classroom
 1 Identification record
 4 Data records, teacher background questionnaire (600)
 5 Data records, geometry questionnaire (613)
 5 Data records, algebra questionnaire (614)
 3 Data records, general classroom process questionnaire (615)
 3 Data records, OTL, core test (620)
 3 Data records, OTL, rotated form A (621)

3 Data records, OTL, rotated form B (622)
 3 Data records, OTL, rotated form C (623)
 3 Data records, OTL, rotated form D (624)
 17 Records for each student
 1 Identification record
 1 Data record, pretest background questionnaire (500)
 3 Data record, special pretest
 3 Data record, pretest rotated form (511-514)
 3 Data records, posttest background questionnaire (520)
 3 Data record, posttest core (520)
 3 Data record, posttest rotated form (521-524)
 63 New Zealand
 2 Records for each school
 1 Identification record
 1 Data record, school questionnaire (800)
 46 Records for each teacher/classroom
 1 Identification record
 4 Data records, teacher background questionnaire (600)
 5 Data records, fractions questionnaire (610)
 3 Data records, ratio/proportion/percent questionnaire (611)
 5 Data records, measurement questionnaire (612)
 5 Data records, geometry questionnaire (613)
 5 Data records, algebra questionnaire (614)
 3 Data records, general classroom process questionnaire (615)
 3 Data records, OTL, core test (620)
 3 Data records, OTL, rotated form A (621)
 3 Data records, OTL, rotated form B (622)
 3 Data records, OTL, rotated form C (623)
 3 Data records, OTL, rotated form D (624)
 17 Records for each student
 1 Identification record
 1 Data record, pretest background questionnaire (500)
 3 Data record, pretest core (510)
 3 Data record, pretest rotated form (511-514)
 3 Data records, posttest background questionnaire (520)
 3 Data record, posttest core (520)
 3 Data record, posttest rotated form (521-524)
 79 Thailand
 2 Records for each school
 1 Identification record
 1 Data record, school questionnaire (800)
 46 Records for each teacher/classroom
 1 Identification record
 4 Data records, teacher background questionnaire (600)
 5 Data records, fractions questionnaire (610)
 3 Data records, ratio/proportion/percent questionnaire (611)
 5 Data records, measurement questionnaire (612)
 5 Data records, geometry questionnaire (613)
 5 Data records, algebra questionnaire (614)
 3 Data records, general classroom process questionnaire (615)
 3 Data records, OTL, core test (620)
 3 Data records, OTL, rotated form A (621)
 3 Data records, OTL, rotated form B (622)
 3 Data records, OTL, rotated form C (623)
 3 Data records, OTL, rotated form D (624)
 13 Records for each student
 1 Identification record
 1 Data record, pretest background questionnaire (500)
 2 Data record, pretest core (510)
 2 Data record, pretest rotated form (511-514)
 3 Data records, posttest background questionnaire (520)

- 2 Data record, posttest core (520)
- 2 Data record, posttest rotated form (521-524)
- 81 U.S.A.
- 2 Records for each school
 - 1 Identification record
 - 1 Data record, school questionnaire (800)
- 46 Records for each teacher/classroom
 - 1 Identification record
 - 4 Data records, teacher background questionnaire (600)
 - 5 Data records, fractions questionnaire (610)
 - 3 Data records, ratio/proportion/percent questionnaire (611)
 - 5 Data records, measurement questionnaire (612)
 - 5 Data records, geometry questionnaire (613)
 - 5 Data records, algebra questionnaire (614)
 - 3 Data records, general classroom process questionnaire (615)
 - 3 Data records, OTL, core test (620)
 - 3 Data records, OTL, rotated form A (621)
 - 3 Data records, OTL, rotated form B (622)
 - 3 Data records, OTL, rotated form C (623)
 - 3 Data records, OTL, rotated form D (624)
- 13 Records for each student
 - 1 Identification record
 - 1 Data record, pretest background questionnaire (500)
 - 2 Data record, pretest core (510)
 - 2 Data record, pretest rotated form (511-514)
 - 3 Data records, posttest background questionnaire (520)
 - 2 Data record, posttest core (520)
 - 2 Data record, posttest rotated form (521-524)

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