

List of variables in the TEACHER file

**IDTEACH** TEACHER ID

**BTBGAGE** GEN\AGE OF TEACHER

<u>Value</u>	<u>Label</u>
1	under 25
2	25-29
3	30-39
4	40-49
5	50-59
6	60 or more

**BTBGSEX** GEN\SEX OF TEACHER

<u>Value</u>	<u>Label</u>
0	Male
1	Female

**BTBGEDUC** GEN\LEVEL OF EDUCATION COMPLETED

<u>Value</u>	<u>Label</u>
1	training w/o completing secondary education
2	secondary only
3	sec + 1 or 2 year training
4	sec + 3 or 4 year training
5	BA + no training
6	BA + training
7	MA + no training
8	MA + training

*To be good in mathematics, it is important to:*

**BTBMIMP1** REMEMBER FORMULAS

**BTBMIMP2** THINK IN A SEQUENTIAL & PROCEDURAL MANNER

**BTBMIMP3** UNDERSTAND MATHEMATICAL CONCEPTS

**BTBMIMP4** THINK CREATIVELY

**BTBMIMP5** HOW MATH IS USED IN REAL WORLD

**BTBMIMP6** PROVIDE REASONS TO SUPPORT SOLUTIONS

<u>Value</u>	<u>Label</u>
1	not important
2	somewhat important
3	very important

**BTBMTXBK** MAT\CLSS\USE MATH TEXTBOOK TO TEACH

<u>Value</u>	<u>Label</u>
1	yes
2	no

**BTBMTXBS** MAT\CLSS\% OF TIME TEXTBOOK BASED TEACHING

<u>Value</u>	<u>Label</u>
1	0 - 25%
2	26 - 50%
3	51 - 75%
4	76 - 100%

**How many students have:**

**BTBMCALC** MAT\ACCESS TO CALCULATORS DURING MATH LESS

<u>Value</u>	<u>Label</u>
1	almost all
2	about three quarters
3	about half
4	about one quarter
5	none

**How often do your students use calculators for:**

**BTBMCAL1** CHECKING ANSWERS

**BTBMCAL2** TESTS AND EXAMS

**BTBMCAL3** ROUTINE COMPUTATION

**BTBMCAL4** COMPLEX PROBLEMS

**BTBMCAL5** NUMBER CONCEPTS

<u>Value</u>	<u>Label</u>
1	almost every day
2	once or twice a week
3	once or twice a month
"4	never, or hardly ever"

**BTBMHMW2** MAT\HOMEWORK ASSIGNMENT FREQUENCY

<u>Value</u>	<u>Label</u>
1	never
2	less than once a week
3	once or twice a week
4	3 or 4 times a week
5	every day

**BTBMHWT2** MAT\AVERAGE TIME NEEDED FOR HOMEWORK

<u>Value</u>	<u>Label</u>
1	I do not assign homework
2	less than 15 minutes
3	15-30 minutes
4	31-60 minutes
5	61-90 minutes
6	more than 90 minutes

**How often do you assign the following for homework:**

**WORKBOOK** Worksheets from workbooks

**PROBLEMS** Textbook problems

**READING** Textbook readings

**WRITING** Writing assignments

**DATA** Data gathering

**INDIVID** Individual projects

**GROUP** Group projects

**FINDING** Finding applications for skills

**ORAL\_REP** Oral reports

**JOURNAL** Journal writing

<u>Value</u>	<u>Label</u>
1	never
2	rarely
3	sometimes
4	always
5 M	I do not assign homework

*How often do you do the following with homework:*

**RECORD** Record completion of assignments  
**KEEP** Correct & keep  
**RETURN** Correct & return  
**FEEDBACK** Provide feedback to class  
**OWN** Have students correct their own  
**OTHERS** Have students correct others' work  
**DISCUSS** Basis for class discussion  
**GRADES** For grades

<u>Value</u>	<u>Label</u>
1	never
2	rarely
3	sometimes
4	always
5 M	I do not assign homework

*In assessment, how much weight do you give:*

**STANDARD** Standardized tests  
**TM\_REAS** TM reasoning tests  
**TM\_OBJ** TM objective tests  
**HOMEWORK** Homework  
**PROJECTS** Projects  
**OBSERVTN** Observations of students

**RESPONSE** Student responses in class

<u>Value</u>	<u>Label</u>
1	none
2	little
3	quite a lot
4	a great deal

*How often do you use assessment information to:*

**GRADING** Provide Grades  
**FEEDBCK** Provide feedback to class  
**DIAGNOSE** Diagnose problems  
**PARENTS** Report to parents  
**ASSIGN** Assign students to groups  
**PLAN** Plan future lessons

<u>Value</u>	<u>Label</u>
1	none
2	little
3	quite a lot
4	a great deal

**ALG** Amount of time spent on Algebra  
Scale of 0 to 4

**GRADE** Eighth Grade

**STUDENTS** Number of students in class (student file)

**MATHSCOR** Average Classroom Math Score (IRT metric)