

HS&B:22 Mathematics Teacher Survey

KEY:

* Forms for the Math Teacher Abbreviated Survey

HM0INFCNSENT1 *

Question Wording:

Recently, we sent you materials about the U.S. Department of Education's High School and Beyond Longitudinal Study of 2022 (HS&B:22).

HS&B:22 is a longitudinal study that will follow a group of 9th-grade students through high school and into postsecondary education and the labor force. In addition to exploring the transition from high school, this study will focus on the relationship between students' high school experiences and their education and career choices.

Because your school indicated you are a math teacher of at least one student who has been selected to participate in the study, we'd like to survey you too. The information you provide will help us understand how the home, school, and community environments influence the decisions students make about their education and their future.

To review the letter that we mailed, click [here](#).

To review the study brochure, click [here](#).

Your participation in HS&B:22 is critical to its success. [If school allows an incentive and there is not an incentive cap: You will receive \$20 for completing the parts about you and your classroom, plus an additional \$7 for each individual student about whom you answer questions./else if school allows incentive and has an incentive cap: You will receive \$20 for completing the parts about you and your classroom, plus an additional \$7 for each individual student about whom you answer questions, up to a maximum of [Incentive cap]./else: no fill]

Please click the “Next” button to continue.

HM0INFCNSENT2 *

Question Wording:

You are one of approximately 2,700 teachers who will be taking part in this study. Your responses may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). The risk of participation in this study is minimal, given the strict confidentiality and security procedures in place as required by law.

You may choose not to answer any question or stop the survey at any time. There are three categories of questions we will ask you about. The questions about students are estimated to take [2/3] minutes per student. There [is/are] [Number of students] HS&B:22 [student/students] that we will ask you to confirm you teach math to. The questions about classes you teach are estimated to take [1/4] [minute/minutes] per class. The questions about yourself and your school are estimated to take [7/11] minutes. You may begin the survey now and finish at another time, if necessary.

If you have questions about the study, you may contact the study's Help Desk toll-free number at 855-500-1439, or you can email [Study e-mail address]. If you have questions about your rights as a study participant, you may contact RTI's Office of Research Protection at 919-316-3358 in Durham, NC (or toll-free at 866-214-2043) or email OREP@rti.org.

When you are ready to begin, please click "Next" to continue.

HM0NAVIGATE *

Question Wording:

Thank you very much for participating! Before you get started, here are a few helpful hints:

- To answer the questions, select the answer on the screen that matches your response.
- Answer each question as accurately as possible; if you need to estimate an answer that is okay.
- Click the "Next" button to save your responses and move forward.
- Click the "Previous" button to go back.

–□Some questions offer text to help you understand the question or the response options. Click on the "HELP" icon at the top of your screen or the help icon in the survey to see the help text. The "HELP" icon at the top of your screen is also where you will find the number for toll-free assistance.

–□If you need to take a break and leave the survey at any time, click the "LOG OUT" button in the top left-hand corner of your screen and close your browser (not just the tab). When you log back in, the survey will start from the screen you were on when you logged out.

–□To protect your data, you will be logged off if the survey is idle for more than 15 minutes.

Please click the “Next” button to continue.

Help Text:

For screens with specific help text, this will provide information for a particular phrase(s) or response option(s). For screens without specific help text, this will provide information on how to reach the Help Desk. Click the X in the upper right corner or the "Close" button in the lower right corner to close the box.

HELP icon: This will provide information for a particular phrase or response option. Click the X in the upper right corner to close the box.

If you have any questions about this study, you may contact the Help Desk at 855-500-1439, or you can email [Study e-mail address].

Help Desk hours are:

Monday - Friday: 8:00 a.m. - 6:00 p.m. Eastern time zone

If you have questions about your rights as a study participant, please contact RTI's Office of Research Protection at 866-214-2043.

HM0INTROA1 *

Question Wording:

First, we have a few questions about your background followed by some questions about the classes and students you are currently teaching.

HM0HIGHEDU *

Question Wording:

What is the highest degree you have earned?

Item Name: HM0HIGHEDU

1=Associate's degree

2=Bachelor's degree

3=Master's degree

4=Educational Specialist degree

5=Ph.D., M.D., law degree, or other high-level professional degree

6=You do not have a degree

Help Text:

Educational Specialist degree: An advanced degree for teachers to gain specialized proficiency in a particular area of education (e.g., education technology, early childhood). Educational specialist degrees (Ed.S.) are generally awarded for 1 year's work beyond the master's level. Includes Certificate of Advanced Graduate Studies (CAGS).

HM0MAJHIGHEU *

Question Wording:

What was your major field of study for your [Associate's degree/Bachelor's degree/Master's degree/Educational Specialist degree/Ph.D., M.D., law degree, or other high-level professional degree/highest degree]?

(Start typing below and select the closest match from the options returned. If you are unable to find a close match for your major field of study, **scroll through** and click "Major not listed" **at the bottom.**)

HM0MAJBACHEDU

Question Wording:

What was your major field of study for your bachelor's degree?

(Start typing below and select the closest match from the options returned. If you are unable to find a close match for your major field of study, **scroll through** and click "Major not listed" **at the bottom.**)

HM0TCHCERTTYP *

Question Wording:

Which of the following describes the math teaching certificate you currently hold in [School's state]?

Item Name: HM0TCHCERTTYP

- 1=Regular or standard state certificate or advanced professional certificate
- 2=Certificate issued after satisfying all requirements except the completion of a probationary teaching period (in some states this is called a "probationary certificate")
- 3=Certificate that requires some additional coursework, student teaching, or passage of a test before regular certification can be obtained (in some states this is called a "temporary certificate" or "provisional certificate")
- 4=Certificate issued to persons who must complete a certification program in order to continue teaching (in some states this is called a "waiver certificate" or "emergency certificate")
- 5=You do not hold a math teaching certificate but you do hold a teaching certificate in another subject area.
- 6=You do not hold any of the above certifications in this state.

HM0CERTGRADES

Question Wording:

In which grades does this certificate allow you to teach math in [School's state]?
(Check all that apply.)

Item Name: HM0CERTKTO5

Item Wording: Kindergarten through 5th grade (any or all grades)

Item Name: HM0CERT6TO8

Item Wording: 6th through 8th grade (any or all grades)

Item Name: HM0CERT9TO12

Item Wording: 9th through 12th grade (any or all grades)

HM0ALTTCHCERT *

Question Wording:

Did you enter teaching through an alternative certification program?

An alternative certification program is a program that is designed to expedite the transition of non-teachers to a teaching career, for example, a state, district, or university alternative certification program.

Item Name: HM0ALTTCHCERT

1=Yes

0=No

HM0SUB

Question Wording:

What is your employment status in this school or school system?

Item Name: HM0SUB

1=Regular full-time teacher

2=Regular part-time teacher

3=Long-term substitute teacher (i.e., your assignment requires that you fill the role of a regular teacher on a long-term basis, but you are still considered a substitute)

HM0YRBORN *

Question Wording:

The next set of questions asks about you and your background.

In what year were you born?

(Please enter your answer in this format: XXXX)

Item Name: HM0YRBORN

Item Wording:

HM0SEX *

Question Wording:

What is your sex?

Item Name: HM0SEX

1=Male

2=Female

HM0HISPANIC *

Question Wording:

Are you Hispanic or [Latino/Latina/Latino/Latina]?

Item Name: HM0HISPANIC

1=Yes

0=No

Help Text:

Hispanic or [Latino/Latina/Latino/Latina]: Hispanic or [Latino/Latina/Latino/Latina] refers to people of Mexican, Cuban, Dominican, Puerto Rican, Central American, or South American origin or descendants of another Spanish culture.

HM0RACE *

Question Wording:

[If teacher answered they are Hispanic: In addition to learning about your Hispanic or [Latino/Latina/Latino/Latina] background, we would also like to know about your racial background./else: no fill]

Which of the following choices describe your race?

(Check all that apply.)

Item Name: HM0WHITE

Item Wording: White

Item Name: HM0BLACK

Item Wording: Black or African American

Item Name: HM0ASIAN

Item Wording: Asian

Item Name: HM0HAWAIIN

Item Wording: Native Hawaiian or other Pacific Islander

Item Name: HM0AMERINDI

Item Wording: American Indian or Alaska Native

Help Text:

In compliance with federal standards for collecting information on race and ethnicity, racial background is asked for people of Hispanic or Latino/Latina ethnicity.

White: People with origins or cultural backgrounds from Europe, the Middle East, or North Africa. This includes, for example, people from Germany, Ireland, England, Italy, Lebanon, and Egypt.

Black or African American: People with origins or cultural backgrounds from any of the black racial groups of Africa. This includes, for example, African Americans and people from Jamaica, Haiti, Nigeria, Ethiopia, and Somalia.

Asian: People with origins in any of the original peoples of the Far East, Southeast Asia, and the Indian subcontinent. This includes, for example, people from China, Vietnam, the Philippines, Korea, India, Japan, Pakistan, Cambodia, and Laos.

Native Hawaiian or other Pacific Islander: People with origins in any of the original peoples of the Pacific Islands. This includes, for example, people from Hawaii, Samoa, the Marianas, Tonga, Fiji, and the Marshall Islands.

American Indian or Alaska Native: People who have origins in any of the original peoples of North, South, or Central America, and who maintain tribal affiliation or community attachment. Example tribes include Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, and Nome Eskimo Community.

HM0INTROA2 *

Question Wording:

On the following screen(s) we will ask you to confirm whether you teach the listed [student/students]. If you teach [the listed student/any of the listed students], we will ask you to confirm the math [class/classes] in which you teach [that/those] [student/students].

Please click the “Next” button to continue.

HM0STCLCONFIRM *

Question Wording:

[If iteration > 1: (Continued)/ else: no fill] Please complete the grid below for [the student/all students] listed.

Item Name: HM0STUDENTS_STEP1

Item Wording: Step 1: Please confirm that you are this student's math teacher.

Item Name: HM0STUDENTS_STEP2

Item Wording: Step 2: Please confirm that both the class and period/section name for each

student is correct. If the class or the period/section is incorrect, you will have the chance to update this information.

Item Name: HM0STUDENT_1
Item Wording: [Student 1's name]

Item Name: HM0STUDENT_2
Item Wording: [Student 2's name]

Item Name: HM0STUDENT_3
Item Wording: [Student 3's name]

Item Name: HM0STUDENT_4
Item Wording: [Student 4's name]

Item Name: HM0STUDENT_5
Item Wording: [Student 5's name]

0=No, I have never taught math to this student.

1=No, I taught math to this student in the past but I do not currently teach math to this student.

2=Yes, I currently teach math to this student.

Item Name: HM0STUCLASS_1
Item Wording: [Student 1's math class]

Item Name: HM0STUCLASS_2
Item Wording: [Student 2's math class]

Item Name: HM0STUCLASS_3
Item Wording: [Student 3's math class]

Item Name: HM0STUCLASS_4
Item Wording: [Student 4's math class]

Item Name: HM0STUCLASS_5
Item Wording: [Student 5's math class]

1=Yes
0=No

HM0WHICHCLASS *

Question Wording:

You indicated the class title and/or period/section for [**Student's name**] was incorrect.

Please tell us what class and period/section you teach [**Student's name**]. If you do not see the name of the class and period/section listed below, please select "Other" and type the name of the class and the period/section in the boxes. If the class does not have a traditional "period/section", then please enter an identifier that will help you distinguish this class.

Item Name: HM0WHICHCLASS

- 1=[Math class 1]
- 2=[Math class 2]
- 3=[Math class 3]
- 4=[Math class 4]
- 5=[Math class 5]
- 6=[Math class 6]
- 7=[Math class 7]
- 8=[Math class 8]
- 9=[Math class 9]
- 10=[Math class 10]
- 11=[Math class 11]
- 12=[Math class 12]
- 13=[Math class 13]
- 14=[Math class 14]
- 15=[Math class 15]
- 99=Other

Item Name: HM0WHICHCLASS_COURSE

Item Wording: Please specify the **name** of the class:

Item Name: HM0WHICHCLASS_PERIOD

Item Wording: Please specify the **period/section** of the class:

HM0CLSSSTUSUM *

Question Wording:

[If this is the first time the respondent has seen this screen: Next we have some questions about [If teacher only has 1 confirmed class: this class/else: these classes] and [If teacher only has 1 confirmed student: this student/else: these students] you teach.

Class: [Confirmed Class]

- Student: [Confirmed Student]
- Student: [Confirmed Student]
- Etc.

Class: [Confirmed Class etc.]

- Student: [Confirmed Student]
- Student: [Confirmed Student]
- Etc.

Please click the “Next” button to continue.

/else:

You have answered questions about:

Class: [Confirmed Class]

- Student: [Confirmed Student]
- Student: [Confirmed Student]
- Etc.

We still have some questions for you about:

Class: [Confirmed Class etc.]

- Student: [Confirmed Student]
- Student: [Confirmed Student]
- Etc.

Please click the “Next” button to continue.]

HM0INTROCLASS *

Question Wording:

Now we would like to know about your [**Math class name**] class.

Please click the “Next” button to continue.

HM0CLSSTYPE *

Question Wording:

Class: [**Math class name**]

We would like to standardize the various class titles we receive from schools into defined categories. This class may or may not exactly match one of these categories. Regardless, please indicate which of the following best categorizes this [**Math class name**] class.

Item Name: HM0CLSSTYPE

- 1=Pre-Algebra
- 2=Review or Remedial Math
- 3=Algebra I, part 1 or part 2
- 4=Algebra I
- 5=Algebra II
- 6=Geometry
- 7=Trigonometry
- 8=Analytic Geometry

- 9=Statistics or Probability
- 10=Pre-Calculus
- 11=Calculus
- 12=Integrated Math I
- 13=Integrated Math II or above
- 14=Other math

HM0CLSSNUMST

Question Wording:

Class: [Math class name]

How many students are enrolled in this [Math class name] class?

Please only include students enrolled in this specific period/section of this [Math class name] class.

Item Name: HM0CLSSNUMST

Item Wording: ____ students

HM0CLSSRIGOR *

Question Wording:

Class: [Math class name]

How would you best describe the academic rigor of this [Math class name] class?

Item Name: HM0CLSSRIGOR

- 1=Basic or remedial
- 2=General or regular
- 3=Advanced or Honors
- 4=Advanced Placement (AP) or International Baccalaureate (IB)
- 5=Other

Help Text:

Academic rigor: A course's level of difficulty.

Basic or remedial: A course focusing primarily on skills development, including literacy in language, mathematics, and the physical and social sciences. These courses are typically less rigorous than standard courses and may be intended to prepare a student for a general course.

General or regular: A course providing instruction in a given subject area that focuses primarily on general concepts appropriate for the grade level. General courses typically meet the state's or district's expectations of scope and difficulty for mastery of the content.

Advanced: An advanced course is one that augments the content and/or rigor of a general course, but does not carry an honors designation.

Honors: An honors course is an advanced-level course designed for students who have earned honors status according to educational requirements. These courses typically include additional content not found in general courses, and are formally designated as honors courses.

HM0CLSS1STTM**Question Wording:**

Class: [Math class name]

Is this the first time you have taught this course?

Item Name: HM0CLSS1STTM

1=Yes

0=No

HM0CLSSCURDES**Question Wording:**

Class: [Math class name]

The curriculum used for [Math class name] this year is...
(Check all that apply.)

Item Name: HM0LOCALCUR

Item Wording: Locally or district-designed

Item Name: HM0STATECUR

Item Wording: State-designed

Item Name: HM0NATIONCUR

Item Wording: Nationally-designed

Item Name: HM0OTHERCUR

Item Wording: Other

HM0CLSSTCHOBJ1

Question Wording:

Class: [Math class name]

Think about the full duration of this [Math class name] class. How much emphasis are you placing on each of the following objectives?

(Select one for each row.)

Item Name: HM0INCRINTRST

Item Wording: Increasing students' interest in mathematics

Item Name: HM0TCHCONCEPT

Item Wording: Teaching students mathematical concepts

Item Name: HM0TCHALGOR

Item Wording: Teaching students mathematical algorithms or procedures

Item Name: HM0DEVCOMP

Item Wording: Developing students' computational skills

Item Name: HM0DEVPROBSOL

Item Wording: Developing students' problem solving skills

1=No emphasis

2=Minimal emphasis

3=Moderate emphasis

4=Heavy emphasis

HM0CLSSTCHOBJ2

Question Wording:

Class: [Math class name]

(Continued) Think about the full duration of this [Math class name] class. How much emphasis are you placing on each of the following objectives?

(Select one for each row.)

Item Name: HM0TCHREASON

Item Wording: Teaching students to reason mathematically

Item Name: HM0TCHCONNECT

Item Wording: Teaching students how mathematics ideas connect with one another

Item Name: HM0PREPFUTSTU

Item Wording: Preparing students for further study in mathematics

Item Name: HM0TCHLOGSTRC

Item Wording: Teaching students the logical structures of mathematics

Item Name: HM0TCHHISTMTH

Item Wording: Teaching students about the history and nature of mathematics

1=No emphasis

2=Minimal emphasis

3=Moderate emphasis

4=Heavy emphasis

HM0CLSSTCHOBJ3

Question Wording:

Class: [Math class name]

(Continued) Think about the full duration of this [Math class name] class. How much emphasis are you placing on each of the following objectives?

(Select one for each row.)

Item Name: HM0TCHEXPLMTH

Item Wording: Teaching students to explain ideas in mathematics effectively

Item Name: HM0TCHAPPLMTH

Item Wording: Teaching students how to apply mathematics in business and industry

Item Name: HM0TCHPERCOMP

Item Wording: Teaching students to perform computations with speed and accuracy

Item Name: HM0PREPSTDST

Item Wording: Preparing students for standardized tests

1=No emphasis

2=Minimal emphasis

3=Moderate emphasis

4=Heavy emphasis

HM0CLSSPRIMAT

Question Wording:

Class: [Math class name]

What do you use as your **primary basis** for instruction for this [Math class name] class?

Item Name: HM0CLSSPRIMAT

1=Textbook (Print)

2=E-book

3=District or state educational content repository

4=Open educational resources

5=Other

Item Name: HM0CLSSPRIMAT_other

Item Wording: Please specify:

Item Name: HM0CLSSPRIMAT_other2

Item Wording: Please specify:

Help Text:

District or state educational content repository: A database of digital educational resources (such as lesson plans, worksheets, and/or readings) provided and/or maintained by your school's district or state.

Open educational resources: Teaching, learning, and research materials in any medium—digital or otherwise—that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation, and redistribution by others with limited or no restrictions. Resources can include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge.

HM0CLSSSUPMAT

Question Wording:

Class: [Math class name]

In addition to your primary math curriculum, which of the following do you use as a **supplement** for this [Math class name] class?

(Check all that apply.)

Item Name: HM0TXTSUPMAT

Item Wording: Textbook (Print)

Item Name: HM0EBKSUPMAT

Item Wording: E-book

Item Name: HM0REPSUPMAT

Item Wording: District or state educational content repository

Item Name: HM0OPNSUPMAT

Item Wording: Open educational resources

Item Name: HM0OPNSUPMAT_other

Item Wording: Please specify

Item Name: HM0OTHSUPMAT

Item Wording: Other

Item Name: HM0OTHSUPMAT_other

Item Wording: Please specify:

Item Name: HM0NOSUPMAT

Item Wording: You do not use additional resources to supplement instruction.

Help Text:

District or state educational content repository: A database of digital educational resources (such as lesson plans, worksheets, and/or readings) provided and/or maintained by your school's district or state.

Open educational resources: Teaching, learning, and research materials in any medium—digital or otherwise—that reside in the public domain or have been released under an open license that permits no-cost access, use, adaptation, and redistribution by others with limited or no restrictions. Resources can include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge.

HM0CLSSBEHAV

Question Wording:

Class: [Math class name]

At this point in the school year, how would you rate the behavior of the students in this [Math class name] class?

Item Name: HM0CLSSBEHAV

1=Students misbehave very frequently and are almost always difficult to handle.

2=Students misbehave frequently and are often difficult to handle.

3=Students misbehave occasionally.

4=Students behave well.

5=Students behave exceptionally well.

HM0CLSSACHIEV

Question Wording:

Class: [Math class name]

Which of the following best describes the achievement level of students in this [Math class name] class compared with the average 9th-grade student in this school?

Item Name: HM0CLSSACHIEV

- 1=Higher achievement levels
 - 2=Average achievement levels
 - 3=Lower achievement levels
 - 4=Widely differing achievement levels
-

HM0INTROSTUD *

Question Wording:

Now we would like to ask some questions about **[Student's name]** in this **[Math class name]** class.

[This section includes questions about [his/her/his/her] math skills and other behaviors at school./no fill]

Please click the “Next” button to continue.

HM0STUALLYR *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

Have you taught **[Student's name]** since the beginning of this school year (2022-2023)?

Item Name: HM0STUALLYR

- 1=Yes
 - 0=No
-

HM0STUDIFFLEV *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

Is the math class in which you teach **[Student's name]** too difficult, the appropriate level, or not challenging enough for [him/her/him/her]?

Item Name: HM0STUDIFFLEV

- 1=Too difficult
- 2=Appropriate level
- 3=Not challenging enough

HM0STUIEP *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

Is [Student's name] currently receiving special education services through an Individualized Education Program (IEP) or Instructional/Individual Services Plan (ISP)?

Item Name: HM0STUIEP

- 1=Yes
- 0=No
- 99=Don't know

Help Text:

Individualized Education Program (IEP): A written statement for each student with a disability that sets goals for the student in school, says how progress will be measured, describes the special education and related services the school will provide, how much the student will be in the regular class with students without disabilities, and lists accommodations or modifications needed to measure what the student knows through tests.

Instructional/Individual Services Plan (ISP): A plan paid for by a local school district for students with disabilities who attend private schools. It spells out the special education and related services that will be made available to a student. Services may be offered through a private school or a local education agency (LEA).

HM0STUMTHSKLL1 *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

Please rate [Student's name]'s skills in the following areas, as exhibited in this [Math class name] class.

(Select one for each row.)

Item Name: HM0STUAPPMTH

Item Wording: Ability to **apply mathematical concepts** to "real world" problems

Item Name: HM0STUPROOFS

Item Wording: Ability to **complete or conduct proofs or demonstrations** of [his/her/his/her] mathematical reasoning

Item Name: HM0STUTALKREA

Item Wording: Ability to **talk about** [his/her/his/her] reasoning or thinking in solving a problem

Item Name: HM0STUEXPLREA

Item Wording: Ability to **explain in writing** [his/her/his/her] reasoning in solving a problem

1=Outstanding

2=Very good

3=Good

4=Fair

5=Poor

98=Not applicable or not observed

HM0STUMTHSKLL2 *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

(Continued) Please rate [Student's name]'s skills in the following areas, as exhibited in this [Math class name] class.

(Select one for each row.)

Item Name: HM0STUUSEREPR

Item Wording: Ability to **use representations** to model mathematical ideas

Item Name: HM0STUUSECALC

Item Wording: Ability to **use a calculator** to solve problems

Item Name: HM0STUAPPFACT

Item Wording: Ability to **fluently apply** math facts and procedures

1=Outstanding
2=Very good
3=Good
4=Fair
5=Poor
98=Not applicable or not observed

Help Text:

Representations: Representations are the many ways to record mathematical concepts or relationships. Representations can refer to both product (i.e., models) and process. Models are used to "show" math through the use of manipulative materials, diagrams, graphical displays, and symbolic expressions. The process of representation includes using models to organize, record, and communicate mathematical ideas, as well as selecting, applying, and translating these models to solve problems and interpret mathematics.

Fluently apply math: The ability to efficiently, appropriately, and flexibly apply mathematical calculations and procedures.

HM0STUPOSBEHV1 *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

For each item below, please think about [Student's name]'s behavior **during the past month**.

Describe how often [he/she/he/she] demonstrated the behavior.

(Select one for each row.)

Item Name: HM0STUORGANIZ

Item Wording: Organizes work

Item Name: HM0STUMOTIVAT

Item Wording: Appears motivated to learn new things

Item Name: HM0STUINDEPEN

Item Wording: Works well independently

1=Never
2=Sometimes
3=Often
4=Very often
5=Always
98=No opportunity to observe this behavior

HM0STUPOSBEHV2 *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

(Continued) For each item below, please think about [Student's name]'s behavior **during the past month**. Describe how often [he/she/he/she] demonstrated the behavior.
(Select one for each row.)

Item Name: HM0STUADAPTS

Item Wording: Adapts to changes in plans, requirements, or routines

Item Name: HM0STUPERSIST

Item Wording: Persists in completing tasks

Item Name: HM0STUPAYATT

Item Wording: Pays attention well

1=Never

2=Sometimes

3=Often

4=Very often

5=Always

98=No opportunity to observe this behavior

HM0STUPREPARED

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

Over the last month, how often has [Student's name]...

(Select one for each row.)

Item Name: HM0STULATE

Item Wording: Been late to your class?

Item Name: HM0STUABSENT

Item Wording: Been absent from your class?

Item Name: HM0STUINCOMHW

Item Wording: Come to class without completing prior assignments or homework?

Item Name: HM0STUWOUTMAT

Item Wording: Come to class without class materials (such as pencils, paper, tablet, books, or calculator)?

1=0 times

2=1-2 times

3=3-6 times

4=7-9 times

5=10-12 times

6=13 or more times

HM0STUEXPECT *

Question Wording:

Class: [Student's math class] -- **Student:** [Student's name]

Please indicate whether [Student's name] (in your opinion) will probably go to college.

Item Name: HM0STUEXPECT

1=Yes

0=No

99=Don't know

HM0STULOOPEND *

Question Wording:

Thank you. These are all the questions we have about [Student's name].

Please click the "Next" button to continue.

HM0CLLOOPEND *

Question Wording:

Thank you for answering all the questions about this **[Math class name]** class and the **[student/students]** in this class.

Please click the “Next” button to continue.

HM0INTROC *

Question Wording:

Next we would like to ask you some more questions about your professional background and experience.

Please click the “Next” button to continue.

HM0YRSTCHMATH *

Question Wording:

Including this school year, how many years have you taught **math** at any grade level (K-12) **at any school?**

If you have been teaching for less than one year, enter 1.

Item Name: HM0YRSMATHK12

Item Wording: any grade K-12 ____ years

HM0YRSTCHTTL *

Question Wording:

[The next two questions are/The next question is] about your years teaching **math or any other subject**.

Including this school year, how many years have you taught **any subject** at any grade level (K-12) **at any school?**

If you have been teaching for less than one year, enter 1.

Item Name: HM0YRSTTLK12

Item Wording: any grade K-12 ____ years

HM0YRSTCHSCHL

Question Wording:

Including this school year, how many years have you taught **any subject at any grade level (K-12)** at [School's name]?

If you have been teaching for less than one year, enter 1.

Item Name: HM0YRSTCHSCHL

Item Wording: ____ years

HM0HRSPROFDEV

Question Wording:

How many hours of professional development did you receive during the **previous school year (2021-2022)** that were focused on **math**?

Item Name: HM0HRSPROFDEV

98=Not applicable, you did not teach during the previous school year (2021-2022).

0=None, you taught during the previous school year (2021-2022) but did not receive any math professional development during that time.

1=Some, but less than 1 hour

2=1-5 hours

3=6-15 hours

4=16-35 hours

5=More than 35 hours

Help Text:

Professional development: Professional development refers to many types of educational

experiences related to improving teaching practices. Formal examples of professional development may include conferences, seminars, or workshops; collaborative learning among members of a work team; or a course at a college or university. Professional development may occur in or outside of the school.

HM0INTROD *

Question Wording:

Next we are going to ask you some questions about your school and your teaching practices.

HM0SCHLCLIM1

Question Wording:

Please indicate the extent to which you agree or disagree with each of the following statements about [School's name].

(Select one for each row.)

Item Name: HM0SAFEATSCH

Item Wording: You feel safe at this school.

Item Name: HM0SECURSUFF

Item Wording: This school's security policies and practices are sufficient.

Item Name: HM0STGTALGTCH

Item Wording: The students get along well with teachers.

1=Strongly agree

2=Agree

3=Slightly agree

4=Slightly disagree

5=Disagree

6=Strongly disagree

HM0SCHLCLIM2

Question Wording:

(Continued) Please indicate the extent to which you agree or disagree with each of the following statements about [School's name].

(Select one for each row.)

Item Name: HM0SCHLMATDIV

Item Wording: This school provides instructional materials (e.g., textbooks, handouts) that reflect students' cultural backgrounds, ethnicities, and identities.

Item Name: HM0PPLDIVERS

Item Wording: People of different cultural backgrounds, races, or ethnicities get along well at this school.

- 1=Strongly agree
- 2=Agree
- 3=Slightly agree
- 4=Slightly disagree
- 5=Disagree
- 6=Strongly disagree

HM0FOCSTULRN *

Question Wording:

[If respondent is taking the full survey: (Continued)/else: no fill] Please indicate the extent to which you agree or disagree with each of the following statements about [School's name].

(Select one for each row.)

Item Name: HM0FOCSOCSKL

Item Wording: This school really works at developing students' social-emotional skills.

Item Name: HM0FOCIMPDEC

Item Wording: When making important decisions, the school always focuses on what's best for student learning.

Item Name: HM0FOCDEFIND

Item Wording: This school has well defined learning expectations for all students.

Item Name: HM0FOCHISTAND

Item Wording: This school sets high standards for academic performance.

Item Name: HM0FOCMXTIME

Item Wording: The school day is organized to maximize instructional time.

- 1=Strongly agree
- 2=Agree
- 3=Slightly agree
- 4=Slightly disagree

5=Disagree
6=Strongly disagree

HM0RELTRUST1

Question Wording:

Please indicate the extent to which you agree or disagree with each of the following statements.
(Select one for each row.)

Item Name: HM0RELDISPRIN

Item Wording: It's OK in this school to discuss feelings, worries, and frustrations with the principal.

Item Name: HM0RELWELFAR

Item Wording: The principal looks out for the personal welfare of the faculty members.

Item Name: HM0RELWORD

Item Wording: I trust the principal at his or her word.

Item Name: HM0RELAHEAD

Item Wording: The principal places the needs of students ahead of personal and political interests.

1=Strongly agree
2=Agree
3=Slightly agree
4=Slightly disagree
5=Disagree
6=Strongly disagree

HM0RELTRUST2

Question Wording:

(Continued) Please indicate the extent to which you agree or disagree with each of the following statements.

(Select one for each row.)

Item Name: HM0RELTCHEXP

Item Wording: The principal has confidence in the expertise of teachers.

Item Name: HM0RELDEVELP

Item Wording: The principal takes a personal interest in the professional development of teachers.

Item Name: HM0RELRESPCT

Item Wording: I really respect my principal as an educator.

1=Strongly agree

2=Agree

3=Slightly agree

4=Slightly disagree

5=Disagree

6=Strongly disagree

HM0RELTRUST3

Question Wording:

(Continued) Please indicate the extent to which you agree or disagree with each of the following statements.

(Select one for each row.)

Item Name: HM0RELTCHTRU

Item Wording: Teachers in this school trust each other.

Item Name: HM0RELDISTCH

Item Wording: It's OK in this school to discuss feelings, worries and frustrations with other teachers.

Item Name: HM0RELTKLEAD

Item Wording: Teachers respect other teachers who take the lead in school improvement efforts.

Item Name: HM0RELTCHRESP

Item Wording: Teachers at this school respect those colleagues who are expert at their craft.

1=Strongly agree

2=Agree

3=Slightly agree

4=Slightly disagree

5=Disagree
6=Strongly disagree

HM0HOWTECHUSE1 *

Question Wording:

In your math classes this year, how often do your **students** use technological resources to do each of the following?

If the frequency is different for different math classes that you teach, please respond with an average across all math classes.

(Select one for each row.)

Item Name: HM0PRACTTOPIC

Item Wording: Practice or review mathematics topics

Item Name: HM0SHOWWORK

Item Wording: Show work to the class in real time

1=Never
2=Rarely
3=Monthly
4=Weekly
5=Daily

HM0HOWTECHUSE2 *

Question Wording:

(Continued) In your math classes this year, how often do your **students** use technological resources to do each of the following?

If the frequency is different for different math classes that you teach, please respond with an average across all math classes.

(Select one for each row.)

Item Name: HM0WATCHSIMUL

Item Wording: Conduct or watch simulations

Item Name: HM0ANALYZDATA

Item Wording: Collect and analyze data

Item Name: HM0SBMTASSIGN

Item Wording: Submit assignments online

Item Name: HM0SHAREWORK

Item Wording: Share or post their work for others to view at any time

Item Name: HM0FREETIME

Item Wording: Fill free time

- 1=Never
- 2=Rarely
- 3=Monthly
- 4=Weekly
- 5=Daily

HM0TCHINTACC

Question Wording:

How easily can **you** access the internet in your math classes?

Item Name: HM0TCHINTACC

- 1=Cannot access
- 2=Inconsistently, often a poor connection
- 3=Easily, usually a good connection
- 4=Very easily, a strong and consistent connection

HM0STUINTACC *

Question Wording:

How easily can **your students** access the internet in your math classes?

Item Name: HM0STUINTACC

- 1=Cannot access
- 2=Inconsistently, often a poor connection
- 3=Easily, usually a good connection
- 4=Very easily, a strong and consistent connection

HM0ASSGNHWINT *

Question Wording:

In your math classes, how often do you assign homework that requires your students to connect to the internet?

If the frequency is different for different math classes that you teach, please respond with an average across all math classes.

Item Name: HM0ASSGNHWINT

- 1=Not at all
 - 2=Rarely
 - 3=Sometimes
 - 4=Often
-

HM0INTROE *

Question Wording:

The next few questions ask for your opinion about intelligence, so there are no right or wrong answers. Please click the “Next” button to continue.

HM0GRWTHMNDST *

Question Wording:

How much do you agree or disagree with the following statements?
(Select one for each row.)

Item Name: HM0FXDAMTINTL

Item Wording: You have a certain amount of intelligence and you can't really do much to change it.

Item Name: HM0CNTCHGINTL

Item Wording: Your intelligence is something about you that you can't change very much.

Item Name: HM0LRNNWTHNGS

Item Wording: You can learn new things, but you can't really change your basic intelligence.

- 1=Strongly agree
- 2=Agree
- 3=Slightly agree

4=Slightly disagree
5=Disagree
6=Strongly disagree

HM0INCENTADDR *

Question Wording:

[If teacher does not teach any HS&B:22 students: Since you are not the math teacher for any HS&B:22 students, it is not necessary for you to answer any other questions./else: Thank you.]

To show our appreciation for completing the survey today, we would like to send you \$[If school allows standard incentive: [Calculated incentive]/else: [Incentive cap]]. Please provide the address to which you would like the \$[If school allows standard incentive: [Calculated incentive]/else: [Incentive cap]] mailed. (Please allow 4 weeks for delivery.)
If you do not want to receive this \$[If school allows standard incentive: [Calculated incentive]/else: [Incentive cap]], please check the box below, and then click "Next" to continue.

Item Name: HM0INC_NoInc

Item Wording: I do not want to receive any money for completing this survey.

Item Name: HM0INCNAME

Item Wording: Name:

Item Name: HM0INCADDR1

Item Wording: Street address:

Item Name: HM0INCADDR2

Item Wording:

Item Name: HM0INCZIPCODE

Item Wording: ZIP Code:

Item Name: HM0INCCITY

Item Wording: City:

Item Name: HM0INCSTATE

Item Wording: State:

HM0PREEND *

Question Wording:

You have reached the end of the survey.

You will **not** be able to log back into the survey after clicking "Next" on this screen. If you would like to recheck any of your responses, use the "Previous" button to return to the desired screen(s).

If you are comfortable with all of your responses, click "Next" to go to the final screen. This will set the survey as complete.

HMOEND *

Question Wording:

[If teacher teaches HS&B:22 students: These are all the questions we have for you. We appreciate you taking the time to complete the survey.

Thank you very much for participating in HS&B:22!/
else: Thank you for taking the time to answer our questions!]

Be sure to CLOSE ALL browser windows to keep your responses secure. For example, if you used Chrome or Safari to open the survey, make sure no Chrome or Safari windows are open after you end the survey. Not closing all browsers may allow someone else to see your responses. Click "Finish" to complete and close the survey.