

Appendix C
Proposed Main Study
Student Questionnaire

Section A: Locating

BSAINTRO

First we would like some information that will help us contact you in the future so you can take part in the next phase of this study. This information will be kept separately from the rest of your answers.

Routing logic: Go to BSNAME.

BSNAME

Please verify or type in your first name, middle name, and last name.

BSNAME1
First name:

BSNAME2
Middle name:

BSNAME3
Last name:

Routing logic: Go to BSADD

BSSADD

Please type in your complete address (be sure to include any apartment number or P.O. Box number).

BSSSTR1
Address 1:

BSSSTR2
Address 2:

BSSZIP
ZIP code:

BSSCITY
City:

BSSST

State:

Routing logic: Go to BSPHONE.

BSPHONE

Please type in your telephone numbers including the 3-digit area codes.

BSSHOMPH

Home phone number (XXX-XXX-XXXX):

BSSNOHPH

Check here if you do not have a home telephone

BSSCLLPH

Cell phone number (XXX-XXX-XXXX):

BSSNOCLL

Check here if you do not have a cell phone.

Routing logic: Go to BSEMAIL

BSEMAIL

Please enter the email address that you will most likely be using during the next three years.

BSEMAIL1

Email address

BSNOEMAL

Check here if you do not have an email address.

Routing logic: Go to BSMOM

BSMOM

Please type in your mother's full name. If you have both a mother and a stepmother or other female guardian, type in the name of the one you live with most of the time.

BSMOM1

First name:

BSMOM2
Middle name:

BSMOM3
Last name:

BSNOMOM
Check here if you do not have a living mother or female guardian

Routing logic: If BSNOMOM=1 then go to BSDAD;
Else if ((BSSSTR1 and BSSSTR2) or BSSZIP or BSSCITY or BSSST) is missing then go to
BSMADD;
Else go to BSMHOME.

BSMHOME

Is her address the same as yours?
1=Yes
0=No

Routing logic: If BSMHOME=1 then go to BSMOMPH;
Else go to BSMADD

BSMADD

Please type in her complete address (be sure to include any apartment number or P.O. Box
number).

BSMSTRT1
Address 1:

BSMSTRT2
Address 2:

BSMCITY
City:

BSMST
State:

BSMZIP
ZIP code:

BSMDKADD

Check here if you don't know any of her address.

Routing logic: go to BSMOMPH

BSMOMPH

What are her home, cell, and work phone numbers?

BSMHMPH

Home phone number (XXX-XXX-XXXX):

BSMHMSM

Check here if her phone number is the same as yours.

BSMHMDK

Check here if you don't know, or she does not have, a home phone number.

BSMCLPH

Cell phone number (XXX-XXX-XXXX):

BSMCLDK

Check here if you don't know, or she does not have, a cell phone number.

BSMWKPH

Work phone number (XXX-XXX-XXXX):

BSMWKDK

Check here if you don't know, or she does not have, a work phone number.

Routing logic: Go to BSMEMAIL.

BSMEMAIL

Please type in the email address that she will most likely be using during the next three years.

BSMEMAILDK

Check here if you do not know, or she does not have, an email address.

Routing logic: go to BSDAD.

BSDAD

Please type in your father's full name. If you have both a father and a stepfather or other male guardian, type in the name of the one you live with most of the time.

BSDAD1
First name:

BSDAD2
Middle initial:

BSDAD3
Last name:

BSNODAD
Check here if you do not have a living father or male guardian

Routing logic: If BSNODAD=1 then go to BSOTHER;
Else if ((BSSSTR1 and BSSSTR2) or BSSZIP or BSSCITY or BSSST) is missing then go to BSDADD;
Else go to BSDHOME.

BSDHOME

Is his address the same as yours?

1=Yes
0=No

Routing logic: If BSDHOME=1 then go to BSDADPH;
Else go to BSDADD.

BSDADD

Please type in his complete address (be sure to include any apartment number or P.O. Box number).

BSDSTR1
Address 1:

BSDSTR2
Address 2:

BSDZIP
ZIP code

BSDCITY
City

BSDST
State

BSDDKADD
Check here if you don't know any of his address.

Routing logic: go to BSDADPH.

BSDADPH

What are his home, cell, and work phone numbers?

BSDHMPH
Home phone number (XXX-XXX-XXXX):

BSDHMSM
Check here if his phone number is the same as yours.

BSDHMDK
Check here if you don't know, or he doesn't have, a home phone number.

BSDCLPH
Cell phone number (XXX-XXX-XXXX):

BSDCLDK
Check here if you don't know, or he doesn't have, a cell phone number.

BSDWKPH
Work phone number (XXX-XXX-XXXX):

BSDWKDK
Check here if you don't know, or he doesn't have, a work phone number.

Routing logic: go to BSDEMAIL.

BSDEMAIL

Please type in the email address that he will most likely be using during the next three years.

BSDEMAILDK

Check here if you do not know, or he does not have, an email address.

Routing logic: Go to Section B (BSBININTRO).

Section B: Background

BSBININTRO

Next we are going to ask you a few questions about your background.

Routing logic: Go to BSSEX.

BSSEX

What is your sex?

1=Male

2=Female

Routing logic: Go to BSHISP

BSHISP

Are you Hispanic or [Latino/Latina]?

If BSSEX = 1 then fill 'Latino'

If BSSEX = 2 then fill 'Latina'

If BSSEX = nonrespondent then fill 'Latino/Latina'

1=Yes

0=No

Routing logic: If BSHISP = 1 then go to BSHISPTY

If BSHISP = 0 then go to BSRACE

If nonrespondent then go to BSRACE

BSHISPTY

Which of the following are you?

- 1=Mexican, Mexican-American, Chicano
- 2=Cuban
- 3=Dominican
- 4=Puerto Rican
- 5=Central American (Guatemalan, Salvadoran, Nicaraguan, Costa Rican, Panamanian, Honduran)
- 6=South American (Colombian, Argentine, Peruvian, etc.)
- 7=Other Hispanic or Other Latino/Latina

Routing logic: Go to BSRACE.

BSRACE

Please select one or more of the following to best describe your race.

BSRACE_1

White

BSRACE_2

Black/African American

BSRACE_3

Asian

BSRACE_4

Native Hawaiian or Other Pacific Islander

BSRACE_5

American Indian or Alaska Native

Routing logic: If BSRACE_3=1 then go to BSASIAN

Otherwise go to BSBORN

BSASIAN

Which one of the following are you?

- 1=Chinese
- 2=Filipino
- 3=Southeast Asian, for example Vietnamese, Thai, etc.
- 4=South Asian, for example Indian, Sri Lankan, etc.

5=Other Asian, for example Korean, Japanese, etc.

Routing logic: Go to BSBORN

BSBORN

What is your birth date?

BSBORN1

Month

-1=select one

1=January

2=February

3=March

4=April

5=May

6=June

7=July

8=August

9=September

10=October

11=November

12=December

BSBORN2

Day

-1=select one

1=1

2=2

3=3

4=4

5=5

6=6

7=7

8=8

9=9

10=10

11=11

12=12

13=13

14=14

15=15

16=16

17=17

18=18

19=19
20=20
21=21
22=22
23=23
24=24
25=25
26=26
27=27
28=28
29=29
30=30
31=31

BSBORN3

Year

-1=select one
1=1990 or earlier
2=1991
3=1992
4=1993
5=1994
6=1995
7=1996
8=1997 or later

Routing logic: go to BSFLANG

BSFLANG

What was the first language you learned to speak when you were a child?

1=English
2=Spanish
3=Another language
4=English and Spanish equally
5=English and another language equally

Routing logic: If BSFLANG = 1 then go to BSCINTRO

If BSFLANG = 2 then go to BSFFLANG

If BSFLANG = 3 then go to BSOFLANG

If BSFLANG = 4 then go to BSFFLANG

If BSFLANG = 5 then go to BSOFLANG

If nonrespondent then go to BSCINTRO

BSOFLANG

What is the other language you first learned to speak?

1=A European language, for example, French, German, Russian, etc.

2=A Chinese language

3=A Filipino language

4=A Southeast Asian language, for example, Vietnamese, Thai

5=A South Asian language, for example, Hindi, Tamil

6=Another Asian language, for example, Japanese, Korean

7=A Middle Eastern language, for example, Arabic, Farsi

8=A language not listed here

Routing logic: If nonrespondent go to BSCINTRO

Else go to BSFFLANG

BSFFLANG

How often do you speak [Spanish/a European language/a Chinese language/a Filipino language/a Southeast Asian language/a South Asian language/another Asian language/a Middle Eastern language/this language] with your mother or female guardian?

1=Never

2=Sometimes

3=About half the time

4=Most of the time

5=Always

New=No mother or female guardian in my household

BSFMLANG

How often do you speak [Spanish/a European language/a Chinese language/a Filipino language/a Southeast Asian language/a South Asian language/another Asian language/a Middle Eastern language/this language] with your friends?

1=Never

2=Sometimes

3=About half the time

4=Most of the time

5=Always

Routing logic: Go BSCINTRO

Section C: Previous school experiences

BSCINTRO

Before we ask you about your experiences in high school so far, we first want to know a little bit about your school experiences before you entered the 9th grade.

Routing logic: Go to BSPRVGRD

BSPRVGRD

What grade were you in last school year (2008-09)?

- 1=7th Grade
- 2=8th Grade
- 3=9th Grade
- 4=Ungraded

Routing logic: If BSPRVGRD = 1, 2, or 3 then go to BSPRVSYN, else go to BSACT.

BSPRVSYN

During the previous school year (2008-09), were you in your current school or were you in a different school?

- 1=Current school
- 2=Different school

Routing logic: If BSPRVSYN = 1 or nonrespondent then go to BSACT, if BSPRVSYN = 2 then go to BSPRVS

BSPRVS

During the previous school year (2008-09) when you were in the [7th grade/8th grade/9th grade], what school did you attend?

- If BSPRVGRD = 1 then fill 7th grade
- If BSPRVGRD = 2 then fill 8th grade
- If BSPRVGRD = 3 then fill 9th grade

BSPRVS1
School Name

BSPRVS2

City

BSPRVS3

State

-9=Select one

1=Alabama

2=Alaska

3=Arizona

4=Arkansas

5=California

6=Colorado

7=Connecticut

8=Delaware

9=District of Columbia

10=Florida

11=Georgia

12=Hawaii

13=Idaho

14=Illinois

15=Indiana

16=Iowa

17=Kansas

18=Kentucky

19=Louisiana

20=Maine

21=Maryland

22=Massachusetts

23=Michigan

24=Minnesota

25=Mississippi

26=Missouri

27=Montana

28=Nebraska

29=Nevada

30=New Hampshire

31=New Jersey

32=New Mexico

33=New York

34=North Carolina

35=North Dakota

36=Ohio

37=Oklahoma

38=Oregon

39=Pennsylvania

40=Rhode Island

41=South Carolina

- 42=South Dakota
- 43=Tennessee
- 44=Texas
- 45=Utah
- 46=Vermont
- 47=Virginia
- 48=Washington
- 49=West Virginia
- 50=Wisconsin
- 51=Wyoming

Routing logic: Go to BSACT.

BSACT

Between the time you started 8th grade and now, which of the following activities have you participated in?

MATH	SCIENCE
BSACT_7 Math club	Science club
BSACT_8 Math competition	Science competition
BSACT_9 Math camp	Science camp
BSACT_10 Math study groups or tutoring programs	Science study groups or tutoring programs
BSACT_11 None of the above	None of the above

Routing logic: Go to BSFQSCI.

BSFQSCI

Between the time you started 8th grade and now, how often have you done the following science activities?

BSFQSCI1
Read science books and magazines

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

BSFQSCI3

Access sites for computer technology information

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

BSFQSCI4

Visited a science museum, planetarium or environmental center

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

Routing logic: Go to BSMATH8

BSMATH8

What math course did you take [in the 7th grade/in the 8th grade/last school year]? If you took more than one math course, please choose your most advanced or most difficult course.

Note to programmer:

If BSPRVGRD=1 then fill "in the 7th grade"

If BSPRVGRD=2 then fill "in the 8th grade"

If BSPRVGRD=3, 4 or not answered then fill "last school year"

- Math 8
- Advanced or Honors Math 8 (Not including Algebra)
- Pre-algebra
- Algebra I (including IA and IB)
- Algebra II/Trigonometry
- Geometry
- Integrated Math I
- Integrated Math II
- Other advanced math course (e.g., pre-calculus, calculus)
- Statistics or Probability
- Other math.

Routing logic: If BSMATH8 = 8 or nonrespondent then go to BSSCI8
Else go to BSGMATH8

BSGMATH8

What was your final grade in this math course?

1=A or a numerical average of 90-100

2=B or a numerical average of 80-89

3=C or a numerical average of 70-79

4=D or a numerical average of 60-69

5=Below D or a numerical average of less than 60

6=Does not apply to you – your classes were not graded

Routing logic: Go to BSSCI8

BSSCI8

What science course did you take [in the 7th grade/in the 8th grade/last school year]? If you took more than one science course, please choose your most advanced or most difficult course.

Note to programmer:

If BSPRVGRD=1 then fill "in the 7th grade"

If BSPRVGRD=2 then fill "in the 8th grade"

If BSPRVGRD=3, 4 or not answered then fill "last school year"

What science course did you take in the 8th grade? If you took more than one science course, please choose your most advanced or most difficult course.

General Science 8

Anatomy/Physiology

Biology I or Life Science

Advanced Biology (Biology II, AP, or IB)

Chemistry I

Advanced Chemistry (Chemistry II, AP, or IB)

Earth Science

Environmental Science

Integrated Science I

Integrated Science II or III

General Science

Principles of Technology

Life science

Physical Science

Physics I
Advanced Physics (Physics II, AP or IB)
Other science course

BSSCI8_OTHER
Please specify:

Routing logic: If BSSCI8 = 8 or nonrespondent then go to BSCOMP8
Else go to BSGSCI8

BSGSCI8

What was your final grade in this science course?
1=A or a numerical average of 90-100
2=B or a numerical average of 80-89
3=C or a numerical average of 70-79
4=D or a numerical average of 60-69
5=Below D or a numerical average of less than 60
6=Does not apply to you – your classes were not graded

Routing logic: Go to BSDINTRO

Section D: Math experiences

BSDINTRO

Now we are going to ask you a few questions about your experiences with math.

BSMATHCR

Are you currently taking a math course this fall?
1=Yes
0=No

Routing logic: Go to BSMPRS

BSMPRS

How much do you agree or disagree with the following statements?

BSMPRS1

I see myself as a math person.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMPRS2

Others see me as a math person.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMCHK2

When you [were/are] working on a math assignment, how often [did/do] you think about whether you [understand/understood] what you are doing?

If BSMATHCR = 1 then fill 'are' If BSMATHCR = 1 then fill 'do' If BSMATHCR = 1 then fill 'understand' If BSMATHCR = 0 then fill 'were' If BSMATHCR = 0 then fill 'did' If BSMATHCR = 0 then fill 'understood'

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

Routing logic: If BSMATHCR=1 go to BSMCRSE.
Else go to BSEINTRO.

BSMCRSE

What math course(s) are you currently taking this fall?

BSMCRSE_1
Review or Remedial Math
(including Basic, Business, Consumer, Functional or General math).

BSMCRSE_2
Pre-algebra

BSMCRSE_3

Algebra I (including IA and IB)

BSMCRSE_4

Algebra II/Trigonometry

BSMCRSE_5

Geometry

BSMCRSE_6

Integrated Math I

BSMCRSE_7

Integrated Math II

BSMCRSE_8

Other advanced math course (e.g., pre-calculus, calculus)

BSMCRSE_9

Statistics or Probability

BSMCRSE_10

Other math.

Routing logic: go to BSMRSN.

BSMRSN

You are taking [this math course/Review-Remedial Math etc.] because...

BSMRSN_1

I really enjoy math.

BSMRSN_2

I like to be challenged.

BSMRSN_3

I had no choice, it is a school requirement.

BSMRSN_4

The school counselor suggested I take it.

BSMRSN_5

My parent(s) encouraged me to take it.

BSMRSN_6

A teacher encouraged me to take it.

BSMRSN_7

There were no other math courses offered.

BSMRSN_9a

I will need it to get into college.

BSSRSN_9b

I will need it to succeed in college

BSMRSN_10

I will need it for my career.

BSMRSN_12

It was assigned to me.

BSMRSN_13

I don't know why I am taking this course.

Routing logic: If more than one checkbox checked go to BSMMIR. Else go to BSMLIK

BSMLIK

How much do you agree or disagree with the following statements about your [math/Review-Remedial Math/etc.] course?

BSMLIK1

I am enjoying this class very much.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

BSMLIK2

I think this class is a waste of my time.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

BSMLIK4

I think this class is boring.

1=Strongly Agree

- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSMUSE.

BSMUSE

How much do you agree or disagree with the following statements about your [math/Review-Remedial Math/etc./] course?

BSMUSE1

What we learn in this class is useful for everyday life.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMUSE2

What we learn in this class will be useful for college.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMUSE3

What we learn in this class will be useful for my career.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSMEFC

BSMEFC

How much do you agree or disagree with the following statements about your [math/Review-Remedial Math/etc.] course?

BSMEFC1

I am confident that I can do an excellent job on tests in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree

4=Strongly Disagree

BSMEFC2

I am certain that I can understand the most difficult material presented in the textbook used in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMEFC3

I am certain that I can master the skills being taught in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMEFC4

I am confident that I can do an excellent job on assignments in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSMGIMP

Routing logic: If pre-loaded math teacher names are available, go to BSMTCHR;
else if pre-loaded math teacher names are not available, go to BSMTEAC.

BSMTCHR

Please choose your [math/Review-Remedial Math/Probability-Statistics/Algebra I/Algebra II/Geometry/Integrated Math/Trigonometry] teacher from the list below.

- 1=[Y_MTHTCH1]
- 2=[Y_MTHTCH2]
- 3=[Y_MTHTCH3]
- 4=[Y_MTHTCH4]
- 5=[Y_MTHTCH5]
- 6=[Y_MTHTCH6]
- 7=[Y_MTHTCH7]

Routing logic: If a teacher is selected from the dropdown menu, go to BSMTCHQ.
Else if the last response option "A teacher not listed above" is selected from the dropdown menu or no option is selected go to BSMTEAC.

BSMTEAC

Please type in the name of your [math/Review-Remedial Math/etc.] teacher.

Routing logic: If nonrespondent then go to BSEINTRO.
Else go to BSMTCHQ.

BSMTCHQ

How much do you agree or disagree with the following statements about [BSMTEAC]?
Remember, none of your teachers or your principal will see any of the answers you provide.
This teacher...

BSMTCHQ1

Values and listens to students' ideas.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ2

Treats students with respect.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ4

Treats every student fairly.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ5

Thinks every student can be successful.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ6

Thinks mistakes are okay as long as all students learn.

- 1=Strongly Agree

- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ8

Treats some kids better than other kids.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ9

Makes math interesting.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQ0

Treats males and females differently.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSMTCHQA

Makes math easy to understand.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSEINTRO.

Section E: Science experiences

BSEINTRO

Now we are going to ask you a few questions about your experiences with science.

Routing logic: Go to BSSCIECR

BSSCIECR

Are you currently taking a science course this fall?

1=Yes

0=No

Routing logic: Go to BSSPRS

BSSPRS

How much do you agree or disagree with the following statements?

BSSPRS1

I see myself as a science person.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

BSSPRS2

Others see me as a science person.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

Routing logic: Go to BSSCHK2

BSSCHK2

When you are working on a science assignment, how often do you think about whether you understand what you are doing?

1=Never

2=Rarely

3=Sometimes

4=Often

BSSCRSE

What science course(s) are you currently taking this fall?

BSSCRSE_1

Anatomy/Physiology

BSSCRSE_2a
Biology I

BSSCRSE_2b
Advanced Biology (Biology II, AP, or IB)

BSSCRSE_4a
Chemistry I

BSSCRSE_4b
Advanced Chemistry (Chemistry II, AP, or IB)

BSSCRSE_6
Earth Science

BSSCRSE_7
Environmental Science

BSSCRSE_8
Integrated Science I

BSSCRSE_X
Integrated Science II or III

BSSCRSE_Y
General Science

BSSCRSE_9
Principles of Technology

BSSCRSE_10
Life science

BSSCRSE_11
Physical Science

BSSCRSE_12a
Physics I

BSSCRSE_12b
Advanced Physics (Physics II, AP or IB)

BSSCRSE_13
Other science course

Routing logic: Go to BSSRSN

BSSRSN

You are taking [fill with name of science course] because

BSSRSN_1

I really enjoy science.

BSSRSN_2

I like to be challenged.

BSSRSN_3

I had no choice, it is a school requirement.

BSSRSN_4

The school counselor suggested I take it.

BSSRSN_5

My parent(s) encouraged me to take it.

BSSRSN_6

A teacher encouraged me to take it.

BSSRSN_7

There were no other science courses offered.

BSSRSN_9a

I will need it to get into college.

BSSRSN_9b

I will need it to succeed in college

BSSRSN_10

I will need it for your career.

BSSRSN_12

It was assigned to me.

BSSRSN_13

I don't know why I am taking this course.

Routing logic: If more than one checkbox checked go to BSSMIR. Else go to BSSLIK

BSSLIK

How much do you agree or disagree with the following statements about your [fill with name of science course] course?

BSSLIK1

I am enjoying this class very much.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSLIK2

I think this class is a waste of my time.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSLIK4

I think this class is boring.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSSMTV

Routing logic: Go to BSSUSE

BSSUSE

How much do you agree or disagree with the following statements about your [fill with name of science course] course?

BSSUSE1

What we learn in this class is useful for everyday life.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSUSE2

What we learn in this class will be useful for college.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSUSE3

What we learn in this class will be useful for my career.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSSEFC

BSSEFC

How much do you agree or disagree with the following statements about your [science/Anatomy-Physiology/etc.] course?

Conditional wording:

BSSEFC1

I am confident that I can do an excellent job on tests in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSEFC2

I am certain I can understand the most difficult material presented in the textbook used in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSEFC3

I am certain I can master the skills being taught in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSEFC4

I am confident that I can do an excellent job on assignments in this class.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSSGIMP

Routing logic: If pre-loaded science teacher names are available, go to BSSTCHR;
else if pre-loaded science teacher names are not available, go to BSSTEAC.

BSSTCHR

Please choose your [science/Anatomy-Physiology/etc.] teacher from the list below.
Conditional wording:

- 1=[Y_SCITCH1]
- 2=[Y_SCITCH2]
- 3=[Y_SCITCH3]
- 4=[Y_SCITCH4]
- 5=[Y_SCITCH5]
- 6=[Y_SCITCH6]
- 7=[Y_SCITCH7]

Routing logic: If a teacher is selected from the dropdown menu, go to BSSTCHQ.
Else if the last response option "A teacher not listed above" is selected from the dropdown menu
or no option is selected go to BSSTEAC.

BSSTEAC

Please type in the name of your [science/Anatomy-Physiology/etc.] teacher.
Conditional wording:

Routing logic: If name provided, go to BSSTCHQ
Else if nonrespondent and Y_SGRP=1 then go to BSFINTRO
Else if nonrespondent and Y_SGRP=2 then go to BSGINTRO
Else if nonrespondent go to BSHINTRO

BSSTCHQ

How much do you agree or disagree with the following statements about [BSSTEAC/your science teacher]? Remember, none of your teachers or your principal will see any of the answers you provide. This teacher...

If a teacher name is selected in BSSTEAC then fill the teacher's name.
Else fill "your science teacher"

BSSTCHQ1

Values and listens to students' ideas.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ2

Treats students with respect.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ4

Treats every student fairly.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ5

Thinks every student can be successful.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ6

Thinks mistakes are okay as long as all students learn.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ8

Treats some kids better than other kids.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ9

Makes science interesting.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQ0

Treats males and females differently.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSSTCHQA

Makes science easy to understand.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: If Y_SGRP=1 then go to BSFINTRO

Else if Y_SGRP=2 then go to BSGINTRO

Else go to BSHINTRO

Section F: Home and school

BSFINTRO

Now we are going to ask you a few questions about your experiences at home and in school.

Routing logic: Go to BSBLG

BSBLG

How much do you agree or disagree with the following statements about your current school?

BSBLG_1

I feel safe at this school.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSBLG_2

I feel proud being part of this school.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSBLG_5

There are always teachers or other adults in my school that I can talk to if I have a problem.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSBLG_6

School is often a waste of time.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSBLG_7

Getting good grades in school is important to me.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSDSEN

BSDSEN

How often do you...

BSDSEN1

go to class without your homework done?

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

BSDSEN2

go to class without pencil or paper?

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

BSDSEN3

go to class without books?

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

BSDSEN4

go to class late?

- 1=Never
- 2=Rarely
- 3=Sometimes
- 4=Often

Routing logic: Go to BSFAVESU

BSFAVESU

Not including lunch or study periods, what is your favorite school subject?

- 1=English
- 2=Foreign Language
- 4=Science
- 5=Art
- 6=Music
- 7=Mathematics
- 8=Gym
- 9=Religion
- 10=Health Education
- 11=Computer Education/Computer Science
- 12=Social Studies/History/Government/Civics
- 13=Career preparation class (for example, health professions, business, culinary arts etc.)
- 14=Other

Routing logic: Go to BSLSTFAV

BSLSTFAV

Not including lunch or study periods, what is your least favorite school subject?

- 1=English
- 2=Foreign Language
- 4=Science
- 5=Art
- 6=Music
- 7=Mathematics
- 8=Gym
- 9=Religion
- 10=Health Education
- 11=Computer Education/Computer Science
- 12=Social Studies/History/Government/Civics
- 13=Career preparation class (for example, health professions, business, culinary arts etc.)
- 14=Other

Routing logic: Go to BSPAYO

BSPAYO

How much do you agree or disagree with the following statements?

BSPAYO1

Studying in school rarely pays off later with good jobs.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree

4=Strongly Disagree

BSPAYO2

Even if I study, I will not be able to get into college.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

BSPAYO3

Even if I study, my family cannot afford to pay for me to attend college.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

BSPAYO4

Working is more important for me than attending college.

1=Strongly Agree

2=Agree

3=Disagree

4=Strongly Disagree

Routing logic: Go to BSTALK

BSTALK

Between the start of 8th grade and now, which of the following people have you talked to about the following?

BSTALKA

Mother or female guardian

BSTALKB

Father or male guardian

BTALKC

Your friends

BSTALKD

A favorite teacher

BSTALKE

A school counselor

BSTALKF
Have not discussed

BSTALK1A
What courses to take this year

BSTALK2A
What math courses to take this year

BSTALK3A
What science courses to take this year

BSTALK4A
Going to college

BSTALK5A
Possible jobs/careers when you are an adult

BSTALK6A
Personal problems

Routing logic: Go to BSCLF

BSCLF

Please think of your closest friend. As far as you know, are the following statements true or false for him/her?

BSCLF_1
Gets good grades
1=True
2=False

BSCLF_2
Is interested in school
1=True
2=False

BSCLF_4
Attends classes regularly
1=True
2=False

BSCLF_5

Plans to go to college
1=True
2=False

Routing logic: Go to BSCOST

BSCOST

How much do you agree or disagree with each of the following statements?

If I spend a lot of time and effort in my math and science classes...

BSCOST2

I won't have enough time for hanging out with my friends.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSCOST3

I won't have enough time for extracurricular activities.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSCOST4

I won't be popular.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

BSCOST5

I'll be made fun of.

- 1=Strongly Agree
- 2=Agree
- 3=Disagree
- 4=Strongly Disagree

Routing logic: Go to BSBOGI

BSBOGI

In general, how would you compare males and females in each of the following subjects?

BSBOGI1

English or language arts?

- 1=Females are much better
- 2=Females are somewhat better
- 3=Females and males are the same
- 4=Males are somewhat better
- 5=Boys are much better

BSBOGI2

math?

- 1=Females are much better
- 2=Females are somewhat better
- 3=Females and males are the same
- 4=Males are somewhat better
- 5=Males are much better

BSBOGI4

science?

- 1=Females are much better
- 2=Females are somewhat better
- 3=Females and boys are the same
- 4=Boys are somewhat better
- 5=Boys are much better

Routing logic: Go to BSTIME

BSTIME

About how many hours do you spend outside of school on a typical **weekday** during the school year doing each of the following?

Less than 1 hour, 1-2, 2-3, 4-5, more than 5 hours. Other valid options: I am not taking a math class (BSTIME1) and I am not taking a science class (BSTIME2).

BSTIME1

Working on math homework and studying for math class hours

BSTIME2

Working on science homework and studying for science class hours

BSTIME3

Working on homework and studying for the rest of your classes hours

BSTIME4

Participating in extracurricular activities such as sports teams, clubs, band, student government hours

BSTIME5

Working for pay, not including chores or jobs you do around your house hours

BSTIME8

Watching television or movies hours

BSTIME9

Playing video games hours

BSTIME10

Chatting or surfing online hours

Routing logic: Go to BSPGRM

BSPGRM

Are you participating in any of the following programs?

- a. Talent Search
- b. Upward Bound
- c. GEAR UP
- d. AVID
- e. MESA

Routing logic: Go to BSGINTRO

Section G: Plans for postsecondary education

BSGINTRO

Now we are going to ask you a few questions about your plans for school and college as you progress through high school.

Routing logic: Go to BSMATHYR

BSMATHYR

Please indicate how many years of math you expect to take during high school.

BSMATHYR_1
One Year

BSMATHYR_2
Two Years

BSMATHYR_3
Three years

BSMATHYR_4
Four or more years

Routing logic: go to BSMAAP.

BSMAAP

Do you plan to enroll in...

BSMAAP1
an Advanced Placement (AP) calculus course?
1=Yes
2=No
3=I don't know what that is
4=I haven't thought about it yet

BSMAAP2
an International Baccalaureate (IB) calculus course?
1=Yes
2=No

3=I don't know what that is
4=I haven't thought about it yet

Routing logic: Go to BSMARE

BSMARE

Check all the reasons you plan to take more math courses during high school.

BSMARE_1

It is required to graduate

BSMARE_2

My parents will want me to

BSMARE_3a

My teachers will want me to

BSMARE_3b

My school counselor will want me to

BSMARE_4

I'm good at math

BSMARE_5

I'll need advanced math for the type of career I want

BSMARE_6

Most students like me take advanced courses

BSMARE_7

I enjoy studying math

BSMARE_8

That kind of math will be useful for getting into college

BSMARE_9

That kind of math will be useful in college

BSMARE_10

I don't know why, I just probably will

BSMARE_11

My friends are going to take it

BSMARE_12

I really haven't thought about it

BSMARE_13

None of the above

Routing logic: Go to BSSCIEYR

BSSCIEYR

Please indicate how many years of science you expect to take during high school.

BSSCIEYR_1

One year

BSSCIEYR_2

Two years

BSSCIEYR_3

Three years

BSSCIEYR_4

Four or more years

Routing logic: If any of the first 4 items (BSSCIEYR_1 through BSSCIEYR_4) = 1 then go to BSSCAP.

BSSCAP

Do you plan to enroll in...

BSSCAP1

an Advanced Placement (AP) science course?

1=Yes

2=No

3=I don't know what that is

4=I haven't thought about it yet

BSSCAP2

an International Baccalaureate (IB) science course?

1=Yes

2=No

3=I don't know what that is

4=I haven't thought about it yet

Routing logic: Go to BSSCRE

BSSCRE

Check all the reasons you plan to take more science courses during high school.

BSSCRE_1

It is required to graduate

BSSCRE_2

My parents will want me to

BSSCRE_3a

My teachers will want me to

BSSCRE_3b

My school counselor will want me to

BSSCRE_4

I'm good at science

BSSCRE_5

I will need advanced science for the type of career I want

BSSCRE_6

Most students like me take advanced courses

BSSCRE_7

I enjoy studying science

BSSCRE_8

That kind of science will be useful for getting into college

BSSCRE_9

That kind of science will be useful in college

BSSCRE_10

I don't know why, I just probably will

BSSCRE_11

My friends are going to take it

BSSCRE_12

I really haven't thought about it

BSSCRE_13
None of the above

BSCOPLAN

Have you put together a “career plan” or “education plan” – for example, a series of activities and courses that you will need to complete in order to get into college, or be successful in your eventual career?

- 1=Yes, a combined career/education plan
- 2=Yes, an education plan only
- 3=Yes, a career plan only
- 4=No, neither a career plan nor an education plan

Routing logic: If BSCOPLAN = 1, 2, or 3 then go to BSCOHELP
Else go to BSTEST

BSCOHELP

Who helped you put the career or education plan together?

BSCOHELP_1
A counselor

BSCOHELP_2
A teacher

BSCOHELP_3
Your parents

BSCOHELP_4
Other

BSCOHELP_5
No one

Routing logic: Go to BSTEST

BSTEST

Have you taken or are you planning to take...

BSTEST1
the PSAT?

- 1=Yes
- 2=No
- 3=You don't know what that is
- 4=You haven't thought about it yet

BSTEST2
the SAT?

- 1=Yes
- 2=No
- 3=You don't know what that is
- 4=You haven't thought about it yet

BSTEST3
American College Testing Service (ACT) test?

- 1=Yes
- 2=No
- 3=You don't know what that is
- 4=You haven't thought about it yet

BSTEST4
an Advanced Placement (AP) test?

- 1=Yes
- 2=No
- 3=You don't know what that is
- 4=You haven't thought about it yet

BSTEST5
a test for the International Baccalaureate (IB)?

- 1=Yes
- 2=No
- 3=You don't know what that is
- 4=You haven't thought about it yet

Routing logic: Go to BSADD_1

BSADD_1

How sure are you that you will graduate from high school?

- 1=Very sure I'll graduate
- 2=I'll probably graduate
- 3=I probably won't graduate
- 4=Very sure I won't graduate

 Section H: Life after high school

 BSHINTRO

Now we are going to ask you a few questions about your future life after high school.

Routing logic: Go to BSEXPECT

 BSEXPECT

As things stand now, how far in school do you think you will get?

- 1=Less than high school
- 2=High school graduation or GED
- 3=Start but not complete an Associate's degree from a community college or technical institute
- 4=Complete an Associate's degree from a community college or technical institute
- 5=Start but not complete a Bachelor's degree
- 6=Complete a Bachelor's degree
- 7=Start but not complete a Master's degree or equivalent
- 8=Complete a Master's degree or equivalent
- 9=Start but not complete a Ph.D., M.D., or other advanced professional degree
- 10=Complete a Ph.D., M.D., or other advanced professional degree
- 11=Don't know

Routing logic:

If 5 or higher go to BSADD_2

If 4 or lower go to BSADD_3

BSADD_2

How sure are you that you will go on to college to pursue a bachelor's degree after you leave high school?

- 1=Very sure I'll go
- 2=I'll probably go
- 3=I probably won't go
- 4=Very sure I won't go

Routing logic: Go to BSADD_3

BSADD_3:

Whatever your plans, do you think you have the ability to complete college (that is, earn a bachelor's degree)?

1=Yes, definitely

2=Yes, probably

3=I doubt it

4=Definitely not.

Routing logic: go to BSDISAPP

BSDISAPP

Would you be disappointed if you did not graduate from college with a four-year degree by the time you are 30 years old?

1=Yes

0=No

Routing logic: Go to BSAFTER.

BSAFTER

What do you plan to do right after you leave high school? . Please mark all that apply:

1=Enroll in a bachelor's degree program in a college or university

2=Enroll in an associate's degree program in a two-year community college or technical institute

3=Attend a registered apprenticeship program

4=Obtain a license or certificate in a career field

5=Join the armed services

6=Get a job

7=Start a family

8=Travel

9=Do volunteer or missionary work

10=Not sure what you want to do

If BSAFTER = 1, then go to BSADD_4

ELSE go to BSADD_6A

BSADD_4

Are you more likely to attend a public or private 4-year college, or have you not thought about this yet?

1 = Public—go to BSADD_5

2 = Private—go to BSADD_8

3 = Haven't thought about this—go to BSADD_6A

BSADD_5

Are you more likely to attend an in-state or out of state 4-year college, or have you not thought about it yet?

1 = In-state

2 = Out-of-state

3 = Haven't thought about this

BSADD_6A

What is your best estimate of the cost of 1 year's tuition and mandatory fees at a public 4-year college in your state?

Amount

BSADD_6B

Is that tuition and mandatory fees only, or does that also include other fees such as room and board?

Tuition & mandatory fees only

Tuition, mandatory fees, & other fees

BSADD_7

How confident are you in the accuracy of your estimate of the cost of 1 year's tuition and mandatory fees at a public 4-year college in your state?

Very confident

Somewhat confident

Not confident at all

BSADD_8

Have you gotten information about the cost of tuition and mandatory fees at a specific (fill with in-state public/private, out of state public/private) 4-year college?

Yes

No go to BSJOB30

BSADD_9

What is the cost of 1 year's tuition and mandatory fees at that college?

Amount:

BSADD_10

Is that tuition and mandatory fees only, or does that also include other fees such as room and board?

- Tuition & mandatory fees only
- Tuition, mandatory fees, & other fees

BSJOB30

As things stand now, what is the job or occupation that you expect or plan to have at age 30?

BSJOB301
Specify the job, occupation, or career

BSJOB302
I don't know

Routing logic: If BSJOB301 = nonrespondent or BSJOB302 =1, then go to BSTKFUTP
Else go to BSJOBT

BSJOBT

How much have you thought about this choice?

- 1=Not at all
- 2=A little
- 3=Somewhat
- 4=A lot

Routing logic: Go to BSTKFUTP

BSTKFUTP

When you talk about your future plans, would you say you talk...

- 1=mostly to your parents,
- 2=more to your parents than your friends,
- 3=to your parents and your friends about the same,
- 4=more to your friends than your parents,
- 5=mostly to your friends,
- 6=or you don't talk to your parents or to your friends about the future?

Routing logic: please go to BSOTHER

ADDITIONAL LOCATING INFORMATION

BSOTHER

Please type in the name of an adult relative or close friend who does not live with you but will always know how to contact you.

BSOTHER1

First name:

BSOTHER2

Middle initial:

BSOTHER3

Last name:

Routing logic: If (BSOTHER1 and BSOTHER2 and BSOTHER3) are all missing go to Section B (BSBINTRO);
else go to BSOADD.

BSOADD

Please type in their complete address (be sure to include any apartment number or P.O. Box number).

BSOSTRT1

Address 1:

BSOSTRT2

Address 2:

BSOZIP

ZIP code

BSOCITY

City

BSOST

State

BSODKADD

Check here if you don't know any of their address.

Routing logic: go to BSOTHPH.

BSOTHPH

What are their home, cell, and work phone numbers?

BTOHMPH

Home phone number (XXX-XXX-XXXX):

BTOHMDK

Check here if you don't know, or they don't have, a home phone number.

BTOCLPH

Cell phone number (XXX-XXX-XXXX):

BTOCLDK

Check here if you don't know, or they don't have, a cell phone number.

Routing logic: go to BTOTHREL.

BSOTHREL

What is this person's relationship to you?

- 1=A parent
- 2=A grandparent
- 3=An aunt or uncle
- 4=A brother or sister
- 5=A friend
- 6=Other

Routing logic: If Y_SGRP=1 then go to BSEND

If Y_SGRP=2 then go to BSFINTRO

Else go to BSFINTRO

END

END

Thank you for completing this part of the HSLS study. Please sit quietly and wait for further instruction.