Appendix C
Proposed Main Study
Student Questionnaire

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Section A: Locating
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BSAINTRO
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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.

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BSNAME
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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

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

    BSSSTRT1
    Address 1:

    BSSSTRT2
    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 ((BSSSTRT1 and BSSSTRT2) 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 ((BSSSTRT1 and BSSSTRT2) 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).

   BSDSTRT1
   Address 1:

   BSDSTRT2
   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 (BSBINTRO).

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Section B: Background
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BSBINTRO

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

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Section C: Previous school experiences
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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

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Section D: Math experiences
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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
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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

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BSSTCHQ
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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

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********************************************************************************
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Section F: Home and school
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BSFINTRO
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Now we are going to ask you a few questions about your experiences at home and in school.

Routing logic: Go to BSBLG


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BSBLG
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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

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Section G: Plans for postsecondary education
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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

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Section H: Life after high school

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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

48

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

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END
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END

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