Appendix E
Proposed Main Study Administrator Questionnaire

## Section A: School characteristics

## ************************************************************************

BAAINTRO
First we have a few questions about your school's characteristics.

## BAGRADES

What grades are included in your school?

## BAGRDK

Kindergarten
BAGRD01
1st Grade

BAGRD02
2nd Grade

BAGRD03
3rd Grade
BAGRD04
4th Grade

BAGRD05
5th Grade
BAGRD06
6th Grade

BAGRD07
7th Grade

BAGRD08
8th Grade
BAGRD09
9th Grade

BAGRD10
10th Grade

BAGRD11
11th Grade
BAGRD12
12th Grade
BAGRD13
12+

## BACHARTR

Is your school a public charter school?
$1=$ Yes
$0=$ No

BATYPA
What type of school is this? Would you say... (Indicate either yes or no each line.)
BATYP1A
Comprehensive public school (not including magnet school)
$1=$ Yes
$0=$ No
BATYP2A
Public magnet school, whole school or instructional program, with a career or technical theme (e.g., a high school for agricultural sciences)
$1=$ Yes
$0=$ No
BATYP3A
Public magnet school, whole school or instructional program, with an academic theme (e.g., International Baccalaureate program)
$1=$ Yes
$0=$ No
BATYP5A
Catholic school
$1=$ Yes
$0=$ No

BATYP6A
Other private school, religious affiliation
$1=$ Yes
$0=$ No

## BATYP7A

Private school, no religious affiliation
$1=$ Yes
$0=$ No

## BATYP8A

High school served by an area or regional vocational school/center (part-time or part-day)

1=Yes
$0=$ No
BATYP9A
Full-time technical or vocational school
$1=$ Yes
$0=$ No
BATYP10A
Other technical or vocational school
$1=$ Yes
$0=$ No

## BATYPB

What type of school is this? Would you say...

## BATYPB1

School-within-a-school (SWS) sharing a principal with other SWSs or academic programs in same building, but not a career academy
$1=$ Yes
$0=$ No

## BATYPB2

Alternative/stay-in-school/dropout prevention school/continuation school
$1=$ Yes
$0=$ No
BATYPB3
Early college high school
$1=$ Yes
$0=$ No

## BATYPB4

$$
\begin{aligned}
& \text { Military academy } \\
& 1=\text { Yes } \\
& 0=\text { No } \\
& \text { BATYPB5 } \\
& \text { Indian reservation school } \\
& 1=\text { Yes } \\
& 0=\text { No } \\
& \\
& \text { BATYPB7 } \\
& \text { Year-round school } \\
& \quad 1=\text { Yes } \\
& 0=\text { No } \\
& \\
& \text { BATYPB8 } \\
& \text { Single sex school } \\
& 1=\text { Yes } \\
& 0=\text { No } \\
& \text { BATYPB10 } \\
& \text { Autonomous small school, but not a school-within-a-school or career academy } \\
& 1=\text { Yes } \\
& 0=\text { No }
\end{aligned}
$$

## NEW BATYPB11

Community school (operating in a public school building and jointly through a partnership between the school system and one or more community agencies; open to students, families and the community before, during and after school)
$0=$ No

## BACAREER

Does your school have one or more career academies defined as a school-within-a-school or small learning community that focuses on career preparation?
$1=$ Yes
$0=$ No

## NEW (School Choice)

1. Does your school participate in a public school choice program that is not related to the need for improvement due to Adequate Yearly Progress requirements?

No (0) $\rightarrow$ SKIP TO BACALEN
Yes (1) $\rightarrow$ GO TO Q2
2. In which of the following types of public school choice programs does your school participate?

1=A public school choice program in which students can choose to enroll in either this school (their assigned school) or another school within the district.
2=A public school choice program in which students, at no tuition cost to themselves or their families, can enroll in a public school in another district.
3=A public school choice program in which students assigned to this school can choose to enroll in a private school using state or district funds.
4=A public school choice program in which students from other districts, at no cost to themselves or their families, can enroll in this school.

## BACALEN

What kind of academic calendar does your high school (grades 9-12) have?
1=Semester system
$2=$ Trimester system
3=Quarter system
4=Other

## BACRSSCH

How are courses scheduled in your high school (grades 9-12)?
1=Traditional schedule (non-block) only
2=Block schedule only (such as $4 \times 4$ or A/B)
$3=$ Both traditional and block scheduling
Routing logic:
If BACRSSCH = 1, go to BATRDMIN
If BACRSSCH $=2$, go to BABLOCK
If BACRSSCH = 3, go to BATRDMIN

## BATRDMIN

How many minutes long are courses on the traditional schedule?
BATRDMIN
minutes per class
Routing logic:
If BACRSSCH = 1, go to BAHRSINS

## BABLOCK

Which of the following types of courses are block scheduled and how many minutes is each block?

BABLKAC<br>Academic Courses<br>BABLKVOC<br>Vocational/technical courses<br>BABLKOTH<br>Other courses<br>BABLKACM<br>minutes per block<br>BABLKVOM<br>minutes per block<br>BABLKOTM<br>minutes per block

## BAHRSINS

On average, how many hours of instruction per day do students receive at your school (grades 912)? (Exclude study hall and lunch.)

## BAHRSINS

hours of instruction per day (Please use decimals for partial hours.)

## BAADA

What was the average daily percentage attendance for students in your school (grades 9-12) last year?

## BAADA

\% (Please round to the nearest whole number.)

BAUNEXAB
When students are absent without an excuse, are parents notified?
$1=$ Yes
$0=$ No

## BATRNALT

What percentage of students attending your school (grades 9-12) last year (2008-2009) were transferred out to an alternative program or school?
\% (Please round to the nearest whole number.)

## NEW (AYP)

1. Has this school been identified for improvement due to Adequate Yearly Progress (AYP) requirements?

No (0) $\rightarrow$ SKIP TO Q3
Yes (1) $\rightarrow$ GO TO Q2
2. As of the beginning of this school year (2009-2010), in what year of AYP improvement is this school?

Year 1 (1)
Year 2 (2)
Year 3 (3)
Year (4)
Year 5 (5)
School is no longer identified for improvement


## SKIP TO New (encouragement)

3. At the end of last school year (2008-2009), did this school make AYP?

$$
\begin{aligned}
& 0=\text { No } \\
& 1=\text { Yes }
\end{aligned}
$$

NEW (Encouragement)

1. Does your school do any of the following to raise high school students' interest and achievement in math and science?

- Hold school-wide mathematics and science fairs, workshops or competitions
- Partner with community colleges or universities that offer math and science summer programs or camps for high school students
- Sponsor a math or science after-school program
- Require teacher professional development in math and science learning or increasing student interest in math and science
- Pair students with mentors in math and science
- Bring in guest speakers to talk to students about math and science careers and the relevancy of mathematics and science in everyday life
- Take students on math- or science-relevant field trips (e.g., city aquarium, planetarium)
- Tell students about regional or state math or science contests, math or science Web sites and Blogs, or other math and science programs online or in your community, such as a $21^{\text {st }}$ Century Community Learning Center program or GirlsIncorporated Operation SMART
- Partner with Mathematics Engineering Science Achievement (MESA) or a similar enrichment-model program in your community or State that provides math and science academic development activities and services to students
- Other


## BA9ACSTG

Does your school offer any of the following programs to assist ninth graders who are struggling academically?

## BASTRSUM

Summer program prior to entry into high school that provides supplemental instruction in reading and math

BASTRSML
Small learning communities or achievement academies for over-aged students who have not met high school entry criteria

NEW
Small freshman learning communities or academies separate from the rest of the school
BASTRDBS
Block scheduling (also called double-block or extended-block scheduling)
BASTRCAT
Catch-up courses (or "double-dosing" of classes)
NEW
Ninth-grade seminar or class(es) in study skills

## NEW

Specific professional development, coaches or technical assistance for teachers working with struggling ninth-graders

BASTOTH
Other assistance
NEW
Our school does not have any assistance programs specifically for ninth graders who are
struggling academically.

## BA9ASIST

On what basis are ninth graders who are struggling academically recommended to receive assistance?

BANSTAR
Absentee record

BANSTAP
Poor or failing grades
NEW
Behind on credits
BANSTTR
Teacher's referral

BANSTCR
Counselor's referral
BANSTPR
Parental request
BASSTSR
Student request
BANSTDP
Disciplinary problems
BANSTOTH
Other

Section B: Student population
************************************************************************

BABINTRO
Now we would like to ask you some questions about your school's student population.

## BACAPAC

What is your school's (grades 9-12) current student capacity expressed as a percent, for example, 120 percent filled, 75 percent filled?

## BACAPAC

\% (Please round to the nearest whole number.)

## BAPCTSB

What percentage of the total student body (grades 9-12) in your school...
BAFRPLNC
receive free or reduced-price lunch? \%
BAELL
are English language learners? \%
BASPECED
receive Special Education services for students with disabilities? \%
BAALTED
are enrolled in an alternative program? \%
BAALTNO
school does not offer
BADROPRE
are enrolled in a dropout prevention program (either at your school or another location)? \%
BADROPNO
school does not offer

BACBAP
are enrolled in College Board Advanced Placement (AP) courses? \%
BAAPNO
school does not offer

## BAHISP

What percentage of the total student body (grades 9-12) in your school is of Hispanic or Latino origin? (Enter 000, if none.)

BAHISP
\% (Please round to the nearest whole number.)

## BARACE

What percentage of the total student body (grades 9-12) in your school are members of the following groups? Count each student only once. Round to the nearest whole number. (Enter 000 , if none.)

## BAWHITE

White, non-Hispanic \%
BABLACK
Black or African American, non-Hispanic \%
BAASIAN
Asian, non-Hispanic \%
BANATPAC
Native Hawaiian or Pacific Islander, non-Hispanic \%
BAAMIND
American Indian or Alaska Native, non-Hispanic \%

BA9REPET
What percentage of the 2009-2010 ninth-grade class is repeating ninth grade?

## BA9REPET

\% (Please round to the nearest whole number.)

## BA9RTRN

What percentage of 9th-grade students who were enrolled in your school in September of 2008 returned to your school in September of 2009?

## BA9RTRN

\% (Please round to the nearest whole number.)

## BA12LAST

What percentage of last year's 12th-grade class...
(Please round to the nearest whole number; enter 000, if none.)
BA124YR
went on to 4-year (bachelor's degree-granting) colleges? \%
BA122YR
went on to 2-year (associate’s degree-granting) colleges or technical institutes? \%
BA12WORK
entered the labor market

BA12MIL
entered the military? \%
NEW
Other

Section C: School's teachers
************************************************************************

## BACINTRO

Now, we have a few questions about the teachers in your school.

## BANUMTCH

## NEW

How many teachers work full-time and how many teachers work part-time in your school?
\# of full-time teachers
\# of part-time teachers
For each of the subject areas listed below, please indicate the number of full-time teachers and part-time teachers that instruct grades $\mathbf{9 - 1 2}$ in your school. Please give your best estimate. (If a teacher works full-time in your school, but divides his/her time between two or more subject areas, consider that teacher as part-time in each subject or area.) (Enter 00, if none.)

BAMATHFT
Math Full-time

BAMATHPT
Math Part-time

## BASCIFT

Science Full-time

BASCIPT<br>Science Part-time

## BAOTHFT

All other subject areas in your school

## BAOTHPT

All other subject areas in your school

## BAMTCERT

Of the full-time and part-time teachers who instruct $9^{\text {th }}-12^{\text {th }}$-grade math in your school, how many are certified by your state to teach math at the secondary school level?

## BAMTCERT

certified full-time high school math teachers (If none, enter 0.)

## NEW

certified part-time high school math teachers (If none, enter 0.)

## BASCCERT

Of the full-time and part-time teachers who instruct $9^{\text {th }}-12^{\text {th }}$-grade science in your school, how many are certified in the state to teach science at the secondary school level?

## BASCCERT

certified full-time high school science teachers (If none, enter 0.)
NEW
certified part-time high school science teachers (If none, enter 0).

## BATCHVAC

For last school year (2008-2009), were there $9^{\text {th }}-12^{\text {th }}$ grade teaching vacancies in either your math or your science departments for which teachers were recruited and interviewed?
$1=$ Yes
$0=$ No

Routing logic:
If BATCHVAC $=1$, go to BAVACANT

## BAVACANT

How easy or difficult was it to fill the $9^{\text {th }}-12^{\text {th }}$ grade teaching vacancies in the mathematics or the science departments in your school?

BAMATVAC
Math Department
$1=$ No vacancies in this department
2=Easy
3=Somewhat difficult
4=Very difficult
5=Could not fill the vacancies
BASCIVAC
Science Department
5=Could not fill the vacancies
4=Very Difficult
3=Somewhat difficult
2=Easy
$1=$ No vacancies in this department

## BAMBONUS

Does your school/district offer signing bonuses or incentives to attract qualified $9^{\text {th }}-12^{\text {th }}$ grade
full-time math teachers (e.g., monetary bonuses, tuition aid, or tuition tax credits)?
$1=$ Yes
$0=$ No

## BASBONUS

Does your school/district offer signing bonuses or incentives to attract qualified $9^{\text {th }}-12^{\text {th }}$ grade full-time science teachers (e.g., monetary bonuses, tuition aid, or tuition tax credits)?
$1=$ Yes
$0=$ No

BAMTNORT

How many $9^{\text {th }}-12^{\text {th }}$-grade math teachers who taught in your school last year (2007-2008), did not return to teach at your school this year (2008-2009)?

BAMTNORT
math teachers

## BASCNORT

How many $9^{\text {th }}-12^{\text {th }}$-grade science teachers who taught in your school last year (2007-2008), did not return to teach at your school this year (2008-2009)?

BASCNORT
science teachers

## BAMTHABS

What percentage of your school's teachers (grades 9-12) are absent on an average day?
BAMTHABS
percent teachers absent

Section D: Courses offered
************************************************************************

BADINTRO
Now we have a few questions about courses offered by your school.

## BAMATHOF

1a. Does your school offer the following math and computer science courses onsite?
1 b . If your school does not offer a course onsite, please indicate whether or not the course is offered for credit to your school's students through another means, such as at another high school, community college or as an online course.

| Avail S | at this ? | 1b. Available Elsewhere? (online, another high school, or neighboring university or community college) |  |
| :---: | :---: | :---: | :---: |
| Yes | No | Yes | No |

PreAlgebra
Review/Remedial Math
Integrated Math I, II, or III
Algebra I, part 1 and part 2 (BACSA1A/BACSA1B)
Algebra I (BACSA1)
Algebra II (BACSA2)
Geometry (BACSGE)
Trigonometry (NEW)
Algebra III (NEW)
Analytic Geometry
Calculus (BACSC)
Calculus AP (AB) (BACSCAP)
Calculus AP (BC) (BACSCPB)
Computer Science (BACSCOMP)
Computer Science AP (A) (BACSCS)
Computer Science AP (AB) (BACSAPAB)
Statistics/Probability (BACSPS)
Statistics AP (BACSPAP)

1a. Does your school offer the following science and engineering courses onsite?
1b. If your school does not offer a course onsite, please indicate whether or not the course is offered for credit to your school's students through another means, such as at another high school, community college or as an online course.

| 1a. <br> Available at this School? |  | 1b. <br> Available Elsewhere? (online, another high school, or neighboring university or community college) |  |
| :---: | :---: | :---: | :---: |
| Yes | No | Yes | No |

## General Science

Life Science
Physical Science
Principles of Technology
Integrated Science I, II, or III
Anatomy/Physiology (BACRAPH)
Biology I (BACRB1)
Biology II (BACRB2)
Biology AP (BACRBAP)
Chemistry I (BACRCH)
Chemistry II (BACRCH2)
Chemistry AP (BACRCAP)
Earth Science (BACRES)
Environmental Science (BACREN)
Environmental Science AP (BACREAP)
Engineering (any kind) (NEW)
Physical Science (BACRPS)
Physics I (BACRPY1)
Physics II (BACRPH2)
Physics AP (B) (BAPAPB)
Physics AP (C: Electricity and Magnetism) (BAPAPC1)
Physics AP (C: Mechanics) (BAPAPC2)

## BAOFFIB

Does your school offer an International Baccalaureate (IB) program?
$1=$ Yes
$0=$ No

## BAMATREQ

1. For the graduating class of 2013, does your school require the completion of a specific math course or courses for graduation?

$$
1=\mathrm{Yes}
$$

$$
0=\text { No }
$$

## NEW

2. Is the specific math course or courses your school requires for graduation. . .
a. The same as the specific math course or courses required by your State Department of Education? No/Yes
b. Higher than the math courses or courses required by your State Department of Education? No/Yes
c. Set by the school; the State Department of Education does not require specific courses for graduation. No/Yes

## NEW

1. For the graduating class of 2013, does your school require the completion of a specific science course or courses for graduation?

$$
1=\mathrm{Yes}
$$

$$
0=\text { No }
$$

## NEW

2. Is the specific science course or courses your school requires for graduation. . .
a. The same as the specific math course or courses required by your State Department of Education? No/Yes
b. Higher than the math courses or courses required by your State Department of Education? No/Yes
c. Set by the school; the State Department of Education does not require specific courses for graduation. No/Yes

## BADIFALG

Does your school offer different levels of Algebra I for students who vary in ability or in academic background (e.g., prior 8th-grade coursework in math)?
$1=$ Yes
$0=$ No

Section E: Goals and background
************************************************************************

## BAEINTRO

THIS SECTION SHOULD ONLY BE COMPLETED BY THE SCHOOL PRINCIPAL.
This section of the interview asks about your goals and challenges for your school as well as background information about you.

## BASTPROB

Indicate the degree to which each of the following matters is a problem in your school.
BASTPRB1
Student tardiness
1=Serious
2=Moderate
3=Minor
$4=$ Not a problem

BASTPRB2
Student absenteeism
1=Serious
2=Moderate
3=Minor
4=Not a problem
BASTPRB3
Student class cutting
1=Serious
2=Moderate
3=Minor
4=Not a problem

## NEW

Teacher absenteeism
1=Serious
2=Moderate
3=Minor
4=Not a problem
NEW
Students dropping out

1=Serious
2=Moderate
3=Minor
$4=$ Not a problem
NEW
Student apathy
1=Serious
2=Moderate
3=Minor
$4=$ Not a problem

## NEW

Lack of parental involvement
1=Serious
2=Moderate
3=Minor
$4=$ Not a problem
NEW
Students come to school unprepared to learn
1=Serious
2=Moderate
3=Minor
4=Not a problem

## NEW

Poor student health
1=Serious
2=Moderate
3=Minor
$4=$ Not a problem
NEW
Lack of resources and materials for teachers
1=Serious
2=Moderate
3=Minor
4=Not a problem

## BAPROB1

To the best of your knowledge how often do the following types of problems occur at your school?

## BASCPPC

Physical conflicts among students
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
5=Never happens

## BASCPVA

Robbery or theft
1=Daily
2=At least once a week
3=At least once a month
$4=$ On occasion
5=Never happens
BASCPUA
Vandalism
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
$5=$ Never happens

## BASCPID

Student use of illegal drugs while at school
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
5=Never happens

## BASCPDA

Students use of alcohol while at school
1=Daily
2=At least once a week
3=At least once a month
$4=$ On occasion
5=Never happens

## BASCPDR

The sale of drugs on the way to or from school and/or on school grounds
1=Daily
2=At least once a week
3=At least once a month
$4=$ On occasion

5=Never happens

## BAPROB2

To the best of your knowledge how often do the following types of problems occur at your school?

## BASCPWE

Student possession of weapons
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
5=Never happens

## BASCPPA

Physical abuse of teachers
1=Daily
2=At least once a week
3=At least once a month
$4=$ On occasion
$5=$ Never happens

## BASCPRT

Student racial tensions
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
5=Never happens

## BASCPBU

Student bullying
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
5=Never happens

## BASCVAT

Student verbal abuse of teachers
1=Daily
2=At least once a week
3=At least once a month
$4=$ On occasion

5=Never happens

## BASCPMS

> Student in-class misbehavior
> 1=Daily
> 2=At least once a week
> 3=At least once a month
> 4=On occasion
> 5=Never happens

BASCPDI
Student acts of disrespect for teachers
1=Daily
2=At least once a week
3=At least once a month
$4=$ On occasion
$5=$ Never happens

## BASCPGA

Student gang activities
1=Daily
2=At least once a week
3=At least once a month
4=On occasion
5=Never happens

## BAHIDEG

What is the highest degree you have earned?
1=Do not have a degree
2=High School or equivalent
2=Associate’s degree
3=Bachelor's degree
4=Master’s degree
5=Educational specialist or professional diploma
6=Doctorate or first professional degree

## BADEGREE

[Note. Similar to the Teacher survey we will use a computer assisted coder to collect major. We will collect major for both undergraduate degree and highest graduate degree (if applicable).]

## BAEXPTCH

Before you became a principal, how many years of elementary, middle, or secondary teaching experience did you have?
(Please enter '0' if you have no teaching experience at a level.)

## BAPRTEL

Elementary (K-5) years
BAPRTMI
Middle (6-8) years
BAPRTSEC
Secondary (9-12) years

## BAPRSUBJ

[Note. This question will be drive off BAEXPTCH. For each level the principal indicates (elementary; middle; secondary) there will be a follow-up about subject taught]

What was the main subject that you taught?
1=English
2=Mathematics
3=History/social studies/social science
4=Natural/physical sciences
5=Foreign languages
6=Physical education
7=Vocational education
8=Business
9=Other subject

## BAPRMANG

Before you became a principal, did you have any management experience outside of the field of education?
$1=$ Yes
$0=$ No

## BAPRALT

Did you become a principal through alternative prep programs (e.g., New Leaders for New Schools)?
$1=$ Yes
$0=$ No

## BAPRTCH

Since becoming a principal, how many years of elementary, middle, or secondary teaching experience have you had?
(Please enter '0' if you have no teaching experience at a level.)

## BAPRSELE

Elementary (K-5) years
BAPRSMIS
Middle (6-8) years
BAPRSSEC
Secondary (9-12) years

## BAPRSRVA

Prior to this school year, how many years did you serve as the principal of this or any other school?

## BAPRSRVA

years

## BAPRSRVS

Prior to this school year, how many years did you serve as the principal of this school?

## BAPRSRVS

years

## BAPRCURT

In addition to serving as principal, are you currently teaching in this school?
$1=$ Yes
$0=$ No

## BAPRCERT

Are you certified as a principal in your state?

$$
\begin{aligned}
& 1=\mathrm{Yes} \\
& 0=\mathrm{No}
\end{aligned}
$$

## BASPENT

What percentage of your work hours do you spend on the following activities in an average week? (Enter 000, if no time spent on activity.)

## BAPRPTIS

Working with teachers on instructional issues \%

## BAPRPISM

Internal school management (e.g., weekly calendars, vendors, office, memos, etc.) \%

## BAPRPESM

External school management (e.g., district/superintendent meetings, financial operations, public relations, communicating with decision-makers outside the school community, etc.) \%

## BAPRPSDA

Student discipline/attendance \%

## BAPRPMON

Monitoring hallways, campus, lunchroom \%
BAPRPTEA
Your own teaching assignments \%
BAPRPPAR
Talking and meeting with parents \%
BAPRPMST
Meeting with students \%
BAPRPPAP
Paperwork required by local, state, or federal authorities \%
BASPTOTH
Other
BASPTOTL
Total \%

## BAPRISEX

What is your sex?
1=Male
2=Female

BAPRHISP

Are you of Hispanic or Latino origin?
$1=$ Yes
$0=$ No

BAPRRACE
Please select one or more of the following choices to best describe your race.
BAPRRCW
White, non-Hispanic
BAPRRCB
Black or African American, non-Hispanic
BAPRRCA
Asian, non-Hispanic

BAPRRCNA
Native Hawaiian or other Pacific Islander, non-Hispanic
BAPRRCAI
American Indian or Alaska Native, non-Hispanic

## END

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