

# **Southern Regional Education Board**

## ***2010 High Schools That Work Assessment***

### **SECTION**

<b>1</b>	<b>Course Experience</b>
<b>2</b>	<b>School Experience</b>
<b>3</b>	<b>General Information</b>

## **Student Survey**

## DIRECTIONS

This assessment uses many different booklets, each with different questions. Read each question carefully and answer it as well as you can. Do not spend too much time on any one question. Each booklet has several sections. You will be told when to begin and end each section. Stop when you see this sign:



Now read **SAMPLE 1**. The choices for some questions will be written across the page as shown.

### SAMPLE 1

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- |   | Almost<br>Every<br>Day | Once or<br>Twice a<br>Week | Once or<br>Twice a<br>Month | Never or<br>Hardly<br>Ever |
|---|------------------------|----------------------------|-----------------------------|----------------------------|
| 1. How often do you watch movies on television? | A                      | B                          | C                           | D                          |

There is no correct answer to this question. Your answer will tell us how often you watch movies on television.

Now read **SAMPLE 2**. The choices for some questions will be presented down the page as shown.

### SAMPLE 2

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2. How many books have you read this year?
- A None
  - B 1–3
  - C 4–8
  - D More than 8

## **REMEMBER**

Read each question **CAREFULLY**.

Fill in only **ONE CIRCLE** on your answer document for each question unless otherwise instructed.

If you change your answer, **ERASE** your first answer **COMPLETELY**.

**CHECK OVER** your work if you finish a section early.



**THIS PAGE LEFT BLANK ON PURPOSE.**

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**This section contains 59 questions about the English/language arts, mathematics and science courses you took during grades 9–12. Fill in only one circle for each course on your answer document. Please refer to your student transcript (or course history) and course matching chart (both provided by the test coordinator) while completing this section.**

For each course, indicate whether or not you have taken and passed the course in grades 9–12. If you have taken and passed the course, are currently taking the course or will take the course before the end of the 12th grade, fill in “yes” for that course. If you have not taken and passed the course, are not currently taking the course and will not take the course before the end of the 12th grade, fill in “no” for that course. Ensure you only fill in one “yes” bubble for each course you have taken and passed, are currently taking or will take before the end of the 12th grade.

Please go to page 2 of your answer document to complete this section of the survey.

Please indicate if this section was completed by the student or by school personnel.

A Student

B School personnel

### Mathematics

	Yes	No
1. Mathematics: Basic, Fundamental, Practical, Essential, General, Consumer or Business	A	B
2. Mathematics: Applied or Technical (First Year)	A	B
3. Mathematics: Applied or Technical (Second Year)	A	B
4. Mathematics: Integrated	A	B
5. Pre-Algebra or Algebra Foundations	A	B
6. Algebra I: Basic, Elementary, I-A or I-B	A	B
7. Algebra I: Regular, Advanced or College-Prep	A	B
8. Algebra II	A	B
9. Algebra III: (including Trigonometry, Mathematics Analysis or Advanced Mathematics)	A	B
10. Geometry	A	B

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

	<b>Yes</b>	<b>No</b>
11. Pre-Calculus or Calculus	<b>A</b>	<b>B</b>
12. Calculus: Advanced Placement (AB or BC)	<b>A</b>	<b>B</b>
13. Statistics	<b>A</b>	<b>B</b>
14. Statistics: Advanced Placement	<b>A</b>	<b>B</b>
15. Other Advanced Mathematics	<b>A</b>	<b>B</b>
<b>English/Language Arts</b>		
	<b>Yes</b>	<b>No</b>
16. English 9: Basic, Functional, Practical or Skills	<b>A</b>	<b>B</b>
17. English 9: Standard, General, Regular or Mixed-Group	<b>A</b>	<b>B</b>
18. English 9: Accelerated, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
19. English 10: Basic, Functional, Practical or Skills	<b>A</b>	<b>B</b>
20. English 10: Standard, General, Regular or Mixed-Group	<b>A</b>	<b>B</b>
21. English 10: Accelerated, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
22. English 11: Basic, Functional, Practical or Skills	<b>A</b>	<b>B</b>

Section 1

	<b>Yes</b>	<b>No</b>
23. English 11: Standard, General, Regular or Mixed-Group	<b>A</b>	<b>B</b>
24. English 11: Tech-Prep, Applied or Applied Communications	<b>A</b>	<b>B</b>
25. English 11: Accelerated, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
26. English 11: Advanced Placement	<b>A</b>	<b>B</b>
27. English 12: Basic, Functional, Practical or Skills	<b>A</b>	<b>B</b>
28. English 12: Standard, General, Regular or Mixed-Group	<b>A</b>	<b>B</b>
29. English 12: Tech-Prep, Applied or Applied Communications	<b>A</b>	<b>B</b>
30. English 12: Accelerated, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
31. English 12: Advanced Placement	<b>A</b>	<b>B</b>
32. Journalism	<b>A</b>	<b>B</b>
33. Debate (including Speech and Public Speaking courses)	<b>A</b>	<b>B</b>
34. Other Advanced English or English/Language Arts	<b>A</b>	<b>B</b>

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

Section 1

**Science**

	<b>Yes</b>	<b>No</b>
35. General Science	<b>A</b>	<b>B</b>
36. Applied Science: Principles of Technology or Applied Physics (First Year)	<b>A</b>	<b>B</b>
37. Applied Science: Principles of Technology or Applied Physics (Second Year)	<b>A</b>	<b>B</b>
38. Applied Science: Applied Biology or Applied Chemistry	<b>A</b>	<b>B</b>
39. Integrated Science	<b>A</b>	<b>B</b>
40. Life Science	<b>A</b>	<b>B</b>
41. Earth Science	<b>A</b>	<b>B</b>
42. Environmental Science	<b>A</b>	<b>B</b>
43. Environmental Science: Advanced Placement	<b>A</b>	<b>B</b>
44. Physical Science: Basic, Practical or Fundamental	<b>A</b>	<b>B</b>
45. Physical Science: Regular or General	<b>A</b>	<b>B</b>
46. Physical Science: Advanced, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
47. Biology: Basic, Practical or Fundamental	<b>A</b>	<b>B</b>



Section 1
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	<b>Yes</b>	<b>No</b>
48. Biology: Regular or General	<b>A</b>	<b>B</b>
49. Biology: Advanced, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
50. Biology: Advanced Placement	<b>A</b>	<b>B</b>
51. Biology II	<b>A</b>	<b>B</b>
52. Anatomy and Physiology	<b>A</b>	<b>B</b>
53. Chemistry: Basic or General	<b>A</b>	<b>B</b>
54. Chemistry: Advanced, Academic, College-Prep or Honors	<b>A</b>	<b>B</b>
55. Chemistry: Advanced Placement	<b>A</b>	<b>B</b>
56. Physics	<b>A</b>	<b>B</b>
57. Physics: Advanced Placement (B)	<b>A</b>	<b>B</b>
58. Physics: Advanced Placement (C: Electricity and Magnetism or C: Mechanics)	<b>A</b>	<b>B</b>
59. Other Advanced Science	<b>A</b>	<b>B</b>

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**This section contains 151 questions. Fill in only one circle for each question on your answer document unless you are instructed to mark all that apply. You will not need to refer to your school transcript or your course history to complete this section.**

**Please complete this survey as accurately and completely as possible. Your answers to the survey are completely confidential and will not be used to identify you in any way. Be sure to complete your responses on the separate answer document.**

1. Which race/ethnicity best describes you? (Mark all that apply.)

- A American Indian/Alaskan Native
- B Asian
- C Black or African-American
- D Hispanic or Latino
- E Native Hawaiian or other Pacific Islander
- F White

2. What is your gender?

- A Male
- B Female

3. What is your best language?

- A English
- B A language other than English
- C English and another language equally

4. How far in school did your mother go?

- A Did not graduate high school
- B Graduated high school or got a GED
- C Some education after high school (this includes some college, including two-year colleges and trade or vocational programs)
- D Graduated from a four-year college
- E Not sure

5. How far in school did your father go?

- A Did not graduate high school
- B Graduated high school or got a GED
- C Some education after high school (this includes some college, including two-year colleges and trade or vocational programs)
- D Graduated from a four-year college
- E Not sure

6. How many years (including this one) have you attended this high school in grade 9 or higher?
- A Less than 1 year
  - B 1 year
  - C 2 years
  - D 3 years
  - E 4 years
  - F 5 or more years

**Questions 7–10.** When you entered high school, how prepared were you with the necessary knowledge and skills to succeed in college-preparatory courses in the following areas?

	Not at all prepared	Somewhat prepared	Very well prepared	I don't know
7. Reading	A	B	C	D
8. Writing	A	B	C	D
9. Mathematics	A	B	C	D
10. Science	A	B	C	D

11. Did you complete Algebra I in 6th, 7th or 8th grade?

- A Yes
- B No

Have you completed a concentration in the humanities that consists of:

- |   | Yes | No |
|---|-----|----|
| 12. Four or more courses each in college-prep/honors English and Social Studies with at least one course at the AP level?   | A   | B  |
| 13. Four or more courses drawn from foreign language, fine arts, journalism, debate or advanced-level courses in literature, history, economics, psychology or another humanities area? | A   | B  |

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

14. Have you completed three courses in college-prep social studies?
- A Yes
  - B No
15. Including this year, how many courses have you taken in career/technical areas in grades 9 through 12?
- A 0
  - B 1
  - C 2
  - D 3
  - E 4
  - F 5
  - G 6
  - H 7
  - I 8 or more
16. How many courses will you have taken (by graduation) in the Project Lead The Way Engineering Program?
- A None
  - B 1
  - C 2
  - D 3
  - E 4 or more
17. How many courses will you have taken (by graduation) in the Project Lead The Way Biomedical Sciences Program?
- A None
  - B 1
  - C 2
  - D 3
  - E 4 or more

**Questions 18–19.** Are you currently taking or have you taken a course during your senior year in:

	Yes	No
18. Mathematics	A	B
19. Science	A	B

**Questions 20–24.** How often have you done each of the following to complete assignments in your classes?

	Never	Once a year	Once a semester	Monthly	Weekly
20. Read and interpreted scientific or technical books and manuals	A	B	C	D	E
21. Used knowledge and skills from different courses	A	B	C	D	E
22. Used math in classes other than mathematics	A	B	C	D	E
23. Used computer skills or programs	A	B	C	D	E
24. Used the internet to retrieve information for a project or report	A	B	C	D	E

**Questions 25–37.** Please respond to the following statements about your high school teachers and courses.

	Never	Seldom	Sometimes	Often
25. My teachers know their subject and make it interesting and useful.	A	B	C	D
26. My teachers have set high standards for me and are willing to help me meet them.	A	B	C	D
27. My teachers have clearly indicated the amount and quality of work that are necessary to earn a grade of A or B at the beginning of a project or unit.	A	B	C	D

## COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT

	Never	Seldom	Sometimes	Often
28. My teachers care about me enough that they will not let me get by without doing the work.	A	B	C	D
29. My teachers have encouraged students to help each other and to learn from each other.	A	B	C	D
30. Most of my teachers have encouraged me to do well in school.	A	B	C	D
31. My teachers or counselors have encouraged me to take more challenging English courses.	A	B	C	D
32. My teachers or counselors have encouraged me to take more challenging mathematics courses.	A	B	C	D
33. My teachers or counselors have encouraged me to take more challenging science courses.	A	B	C	D
34. My English teachers have shown how what we learn in English classes relates to real-life issues.	A	B	C	D
35. My mathematics teachers have shown how mathematics concepts are used to solve problems in real-life situations.	A	B	C	D
36. My science teachers have shown how scientific concepts are used to solve problems in real-life situations.	A	B	C	D
37. My courses have been exciting and challenging.	A	B	C	D

**Questions 38–49.** Please respond to the following statements about your high school experiences.

	Never	Seldom	Sometimes	Often
38. I have tried to do my best work in school.	A	B	C	D
39. I have worked hard to meet high standards on assignments.	A	B	C	D

- |  | Never             | Seldom | Sometimes | Often |
|--|-------------------|--------|-----------|-------|
| 40. I have been able to get extra help from my teachers when I need it without much difficulty.            | A                 | B      | C         | D     |
| 41. I have failed to complete or turn in my assignments.   | A                 | B      | C         | D     |
| 42. I have been part of a team or small group in class.  | A                 | B      | C         | D     |
| 43. I have revised my essays or other written work several times to improve their quality.                 | A                 | B      | C         | D     |
| 44. I have been asked to write in-depth explanations about a class project or activity.                    | A                 | B      | C         | D     |
| 45. I have been able to choose topics for research or project work.  | A                 | B      | C         | D     |
| 46. I have had to develop and analyze tables, charts and graphs in my school work.                         | A                 | B      | C         | D     |
| 47. I have used word-processing software to complete an assignment or project.                             | A                 | B      | C         | D     |
| 48. In classes other than English, teachers have helped me understand what I have read.                    | A                 | B      | C         | D     |
| 49. In classes other than English, we have discussed or debated topics from materials we read.             | A                 | B      | C         | D     |
| 50. How often are your teachers available to you before, during or after school to help with your studies? |                   |        |           |       |
| A  | Never             |        |           |       |
| B  | Occasionally      |        |           |       |
| C  | Frequently        |        |           |       |
| D  | Did not need help |        |           |       |

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**Questions 51–53.** How often has the extra help you received at school helped you to:

	Never	Seldom	Sometimes	Often	Did not need extra help
51. Understand your schoolwork better	A	B	C	D	E
52. Make a greater effort to meet expectations	A	B	C	D	E
53. Get better grades	A	B	C	D	E

**Questions 54–56.** How often have you completed short writing assignments of one to three pages for which you received a grade in your:

	Never	Once a year	Once a semester	Monthly	Weekly
54. English classes	A	B	C	D	E
55. Science classes	A	B	C	D	E
56. Social Studies classes	A	B	C	D	E

57. How often have you written a major research paper (with footnotes and a bibliography) in your English classes?

- A Never
- B Once a year
- C Once a semester
- D More than once a semester

58. How many books have you read this year in English class?

- A 0–1
- B 2–3
- C 4–5
- D 6–7
- E 8–10
- F 11 or more

**Questions 59–63.** How often have you done each of the following in your high school English classes?

	Never	Once a year	Once a semester	Monthly	Weekly
59. Read an assigned book and demonstrated understanding of the significance of the main ideas	A	B	C	D	E
60. Analyzed works of literature in class	A	B	C	D	E
61. Discussed or debated topics with other students about what you have read in English or language arts classes	A	B	C	D	E
62. Drafted, rewritten and edited writing assignments before being given a grade	A	B	C	D	E
63. Stood before the class and made an oral presentation on a project or assignment to meet specific quality requirements	A	B	C	D	E

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**Questions 64–68.** How often have you done each of the following in your high school mathematics classes?

	Never	Once a year	Once a semester	Monthly	Weekly
64. Solved mathematics problems with more than one possible answer	A	B	C	D	E
65. Solved mathematics problems other than those found in the textbook	A	B	C	D	E
66. Been assigned word problems in mathematics	A	B	C	D	E
67. Used a graphing calculator to complete mathematics assignments	A	B	C	D	E
68. Worked in a group to brainstorm how to solve a mathematics problem	A	B	C	D	E

69. How often have you received computer-assisted instruction in mathematics that was connected to what you were learning in your mathematics class?

- A Never
- B Seldom
- C Sometimes
- D Often

**Questions 70–80.** How often have you done each of the following in your high school science classes?

	Never	Once a year	Once a semester	Monthly	Weekly
70. Read an assigned article or book (other than a textbook) dealing with science	A	B	C	D	E
71. Used science equipment to do science activities in a classroom or laboratory	A	B	C	D	E
72. Used computers or technology to do science activities	A	B	C	D	E



**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

82. When did you receive the **most** help in planning your high school education plan of studies?
- A Before grade 9
  - B Grade 9
  - C Grade 10
  - D Grade 11
  - E Did not receive help

**Questions 83–84.** When planning and reviewing your high school four-year education plan, how often did you:

- |   | Never | Once or<br>twice<br>overall | About<br>once a<br>year | About<br>once a<br>semester | More than<br>once a<br>semester |
|---|-------|-----------------------------|-------------------------|-----------------------------|---------------------------------|
| 83. Talk with your parents, step-parents or other adults with whom you live   | A     | B                           | C                       | D                           | E                               |
| 84. Review the sequence of courses you planned to take throughout high school | A     | B                           | C                       | D                           | E                               |
85. How satisfied are you with the help you received at school in the selection of high school courses?
- A Not at all satisfied
  - B Somewhat satisfied
  - C Very satisfied
86. Did you have an adult mentor or advisor who worked with you for all four years of high school?
- A Yes, the same person all four years
  - B Yes, but not the same person all four years
  - C No (Skip to question 88)

87. Did this mentor/advisor work with you to develop your course choices for high school and to review your selections?

A Yes

B No

Questions 88–92. During high school, how often did the following events occur?

	Never	Once or twice overall	About once a year	About once a semester	More than once a semester
88. A teacher or counselor talked to you individually about your plans for a career or further education after high school.	A	B	C	D	E
89. You and/or your parents (or step-parents/guardians) received information or assistance from someone at your school in selecting or applying to college.	A	B	C	D	E
90. Someone from a college talked to you about going to college.	A	B	C	D	E
91. You spoke with or visited someone in a career that you aspire to.	A	B	C	D	E
92. You were encouraged to take a combination of academic and career/technical courses.	A	B	C	D	E

Questions 93–97. During high school, have you:

	Yes	No
93. Attended a meeting at school with your parents (step-parents or guardians) to talk about plans for after high school	A	B
94. Received information and help about participating in a cooperative career/technical education program	A	B
95. Received information and help in getting into a youth apprenticeship or work-based learning program	A	B

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

- |   | <b>Yes</b> | <b>No</b> |
|---|------------|-----------|
| 96. Held an internship that helped you explore a career option  | <b>A</b>   | <b>B</b>  |
| 97. Completed a senior project that included researching a topic, creating a product or performing a service and presenting it to the class or others | <b>A</b>   | <b>B</b>  |

**Questions 98–103.** How often do you:

- |   | <b>Never</b> | <b>Seldom</b> | <b>Sometimes</b> | <b>Often</b> |
|---|--------------|---------------|------------------|--------------|
| 98. Arrive to class on time                                     | <b>A</b>     | <b>B</b>      | <b>C</b>         | <b>D</b>     |
| 99. Know when projects are due                                  | <b>A</b>     | <b>B</b>      | <b>C</b>         | <b>D</b>     |
| 100. Actively manage your time in order to complete assignments | <b>A</b>     | <b>B</b>      | <b>C</b>         | <b>D</b>     |
| 101. Use a daily planner or agenda book                         | <b>A</b>     | <b>B</b>      | <b>C</b>         | <b>D</b>     |
| 102. Outline and take notes from the textbook                   | <b>A</b>     | <b>B</b>      | <b>C</b>         | <b>D</b>     |
| 103. Keep your notes and handouts for each class separate       | <b>A</b>     | <b>B</b>      | <b>C</b>         | <b>D</b>     |

**Questions 104–110.** How important do you believe it is to:

- |  | <b>Not at all important</b> | <b>Somewhat important</b> | <b>Very important</b> |
|--|-----------------------------|---------------------------|-----------------------|
| 104. Attend all of your classes                                      | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |
| 105. Participate actively in class                                   | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |
| 106. Study hard to get good grades                                   | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |
| 107. Have grades that are good enough to get you accepted to college | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |
| 108. Take a lot of college-preparatory classes                       | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |
| 109. Graduate from high school                                       | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |
| 110. Continue your education beyond high school                      | <b>A</b>                    | <b>B</b>                  | <b>C</b>              |



111. What is the one thing that will take the largest share of your time in the first year **after** you leave high school?
- A Attending a four-year college or university
  - B Taking courses at a two-year or community college
  - C Taking courses at a technical or business school
  - D Working full-time
  - E Working part-time, but not attending school or college
  - F Working as an apprentice or in an on-the-job training program
  - G Full-time military service
  - H Being a homemaker
  - I Other
112. How much education do you think you will complete by the time you are 30?
- A Less than high school graduation
  - B Graduate from high school or obtain a GED
  - C Complete a career/technical, trade or business school program
  - D Two or more years of college (including a two-year degree)
  - E Finish college (a four- or five-year degree)
  - F A graduate degree (master's degree, doctoral degree or other professional degree, e.g., M.D. or law)
  - G I don't know

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**Questions 113–115.** Indicate the extent to which you agree or disagree with each of the following statements.

	<b>Strongly Disagree</b>	<b>Somewhat Disagree</b>	<b>Somewhat Agree</b>	<b>Strongly Agree</b>
<b>113.</b> I believe that with hard work, I can understand the material being taught in my classes.	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>114.</b> The grades that I receive are the result of the amount of effort that I put forth in my classes.	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>115.</b> I think that the courses I have taken in high school have successfully prepared me for a career or further education.	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>

**Questions 116–117.** Have you earned or attempted to earn college credit in high school by taking:

	<b>Yes</b>	<b>No</b>
<b>116.</b> Classes at a community, technical or four-year college	<b>A</b>	<b>B</b>
<b>117.</b> A dual-enrollment, joint-enrollment or concurrent-enrollment class at your high school	<b>A</b>	<b>B</b>
<b>118.</b> How many college courses will you have earned credit for by the time you graduate high school?		
<b>A</b> 0		
<b>B</b> 1		
<b>C</b> 2		
<b>D</b> 3		
<b>E</b> 4		
<b>F</b> 5 or more		

119. About how many hours **each day** do you usually spend on homework?
- A I don't usually have homework assigned
  - B I have homework, but I don't usually do it
  - C Less than 1 hour
  - D 1 hour
  - E 2 or more hours
120. During the school year, how many hours each week do you usually work in a part-time job?
- A 0 (Skip to question 132)
  - B 1–10
  - C 11–15
  - D 16–20
  - E 21–30
  - F More than 30
121. What is the **primary** reason you have this job?
- A To earn money for things I want
  - B To save money for college
  - C To help support my family/family business
  - D It is related to my career/technical studies
  - E It is a place I plan to work when I finish high school

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

122. Is this job part of a formal work or training program organized through your school?
- A Yes, it is a co-operative learning program (co-op)
  - B Yes, it is an apprenticeship
  - C Yes, it is an internship
  - D Yes, it is part of Jobs for America's Graduates (JAG)
  - E No

**Questions 123–125.** While working at your job, did you:

- |  | Yes | No |
|--|-----|----|
| 123. Observe veteran workers performing certain jobs | A   | B  |
| 124. Have someone teach you how to do the work       | A   | B  |
| 125. Receive school credit for your work experience  | A   | B  |

**Questions 126–131.** During the past 12 months, how often did your employer(s):

- |  | Never | Once a<br>year | Once a<br>semester | Monthly | Weekly |
|--|-------|----------------|--------------------|---------|--------|
| 126. Encourage you to develop good work habits   | A     | B              | C                  | D       | E      |
| 127. Encourage you in your academic studies at school  | A     | B              | C                  | D       | E      |
| 128. Encourage you to develop good customer relations skills   | A     | B              | C                  | D       | E      |
| 129. Encourage you to develop good teamwork skills   | A     | B              | C                  | D       | E      |
| 130. Show you how to use communication skills (reading, writing, speaking) in job-related activities | A     | B              | C                  | D       | E      |
| 131. Show you how to use mathematics in job-related activities                                       | A     | B              | C                  | D       | E      |

- 132.** If you will complete a career/technical concentration of **four or more courses** by the time you graduate, fill in the circle on your answer document that best describes the career/technical area in which you have concentrated your studies. If your area of concentration is not listed, please fill in circle R, labeled “Other Career/Technical Concentration.” If you are not completing four or more courses in a concentration, fill in circle A, labeled “When I graduate, I will not have completed four or more courses in any career/technical area.”

**PLEASE NOTE: If you respond by selecting any options in B through R, be sure to answer all questions for career/technical students in the survey (questions 133–151 in Section 2 and questions 19–25 in Section 3).**

- A. When I graduate, I will not have completed four or more courses in any career/technical area. (Skip to Section 3 to continue the survey.)**
- B. Agriculture, Food & Natural Resources**  
Food Products and Processing Systems  
Plant Systems  
Animal Systems (including veterinarians)  
Power, Structural & Technical Systems  
Natural Resources Systems  
Environmental Service Systems  
Agribusiness Systems
- C. Architecture & Construction**  
Design/Pre-Construction (including architecture and drafting)  
Construction (including masonry and construction trades)  
Maintenance/Operations (including plumbing, electricity and HVAC)
- D. Arts, Audio/Video Technology & Communications**  
Audio and Video Technology and Film  
Printing Technology  
Visual Arts  
Performing Arts  
Journalism and Broadcasting  
Telecommunications
- E. Business, Management & Administration**  
General Management (including entrepreneurship)  
Business Information Management  
Human Resources Management  
Operations Management  
Administrative Support

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT****F. Education & Training**

Administration and Administrative Support  
Professional Support Services  
Teaching/Training (including teacher cadet programs)

**G. Finance**

Securities & Investments  
Business Finance  
Accounting  
Insurance  
Banking Services

**H. Government & Public Administration**

Governance  
National Security  
Foreign Service  
Planning  
Revenue and Taxation  
Regulation  
Public Management and Administration

**I. Health Science**

Therapeutic Services (including dental and medical assisting and nursing)  
Diagnostic Services (including lab and radiology technicians)  
Health Informatics (including medical coders and transcriptionists)  
Support Services (including dietician and transport technicians)  
Biotechnology Research and Development (including pharmacy technicians and toxicologists)  
(Includes PLTW Biomedical Sciences Program)

**J. Hospitality & Tourism**

Restaurants and Food/Beverage Services (including culinary arts)  
Lodging (including hotel management and services)  
Travel & Tourism  
Recreation, Amusements & Attractions

**K. Human Services**

Early Childhood Development & Services  
Counseling & Mental Health Services  
Family & Community Services (including social work)  
Personal Care Services (including cosmetology and barbering)  
Consumer Services

**L. Information Technology**

Network Systems  
Information Support and Services  
Web and Digital Communications  
Programming and Software Development

**M. Law, Public Safety, Corrections & Security**

Correction Services  
Emergency and Fire Management Services (including paramedics and fire safety)  
Security & Protective Services  
Law Enforcement Services  
Legal Services

**N. Manufacturing**

Production  
Manufacturing Production Process Development  
Maintenance, Installation & Repair (including machine tool technology and welding)  
Quality Assurance  
Logistics and Inventory Control  
Health, Safety and Environmental Assurance

**O. Marketing**

Marketing Management  
Professional Sales  
Merchandising  
Marketing Communications  
Marketing Research

**P. Science, Technology, Engineering & Mathematics**

Engineering and Technology (including PLTW Engineering Program)  
Science and Math

**Q. Transportation, Distribution & Logistics**

Transportation Operations  
Logistics Planning and Management Services  
Warehousing and Distribution Center Operations  
Facility and Mobile Equipment Maintenance (including auto and diesel mechanics)  
Transportation Systems/Infrastructure Planning, Management and Regulation  
Health, Safety and Environmental Management  
Sales and Service

**R. Other Career/Technical Concentration**

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**If you are completing the equivalent of four or more courses in a career/technical concentration (responded B through R on question 132), please answer the questions in the following section. If you are NOT completing the equivalent of four or more courses in a career/technical concentration (responded A on question 132), please skip to Section 3.**

**Questions 133–143.** How often have you done each of the following in your career/technical classes?

	Never	Once a year	Once a semester	Monthly	Weekly
133. Read and interpreted technical books and manuals to complete assignments	A	B	C	D	E
134. Read a career-related article and demonstrated understanding of the content	A	B	C	D	E
135. Had challenging assignments	A	B	C	D	E
136. Completed a project that first required some research and a written plan before completing the task	A	B	C	D	E
137. Used computer skills to complete an assignment or project	A	B	C	D	E
138. Used database or spreadsheet software to complete an assignment or project	A	B	C	D	E
139. Used computer software or other technology related to your career/technical area to complete assignments	A	B	C	D	E
140. Used mathematics to complete challenging assignments	A	B	C	D	E
141. Made journal or lab manual entries that recorded your class work	A	B	C	D	E
142. Completed short writing assignments of one to three pages for which you received a grade	A	B	C	D	E
143. Discussed or debated topics with other students about what you have read	A	B	C	D	E

**Questions 144–147.** How often did your career/technical teachers **stress** the following subjects and skills?

	Never	Seldom	Sometimes	Often
144. Reading	A	B	C	D
145. Writing	A	B	C	D
146. Mathematics	A	B	C	D
147. Science	A	B	C	D

**Questions 148–149.** In your career/technical classes, were you required to:

	Yes	No
148. Have an expert outside the school evaluate your work, products, projects or accomplishments	A	B
149. Take a performance test containing industry standards you had to meet to pass the test	A	B

150. About how many hours **each day** do you usually spend on homework assigned by career/technical teachers?

- A I don't usually have homework assigned
- B I have homework, but I don't usually do it
- C Less than 1 hour
- D 1 hour
- E 2 or more hours

151. Where did you take your career/technical courses? (Mark all that apply.)

- A My high school
- B Another high school
- C Area career/technical center
- D Community technical college
- E On the job through an apprenticeship or cooperative education program

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**This section contains 25 questions. Fill in only one circle for each question on your answer document unless you are instructed to mark all that apply. Please complete this section as accurately and completely as possible. Your answers to the survey are completely confidential and will not be used to identify you in any way. Be sure to complete your responses on the separate answer document.**

**Questions 1–5.** Please respond to the following questions about your high school.

1. With which of the following statements do you agree? (Mark all that apply.)
  - A I am proud to tell people I attend my high school.
  - B I like going to school.
  - C I feel out of place at school.
  - D I have a favorite subject.
  - E I have a favorite teacher.
  - F My school has a lot of school spirit.
  - G Most of my friends go to my school.
  
2. How often do you participate in school-sponsored extracurricular activities (e.g., sports, band, clubs, community service, etc.)?
  - A Never
  - B Seldom
  - C Sometimes
  - D Often
  
3. Do you have a specific career goal?
  - A Yes, and I know what education and training are required to reach it.
  - B Yes, but I do not know what education and training are required to reach it.
  - C No

4. Which of the following career exploration opportunities have you had during high school? (Mark all that apply.)
- A I took a career exploratory class.
  - B I heard guest speakers from various careers.
  - C I heard guest speakers from various colleges.
  - D I have visited local businesses.
  - E I had an internship.
  - F I participated in job shadowing.
  - G I attended a career fair.
  - H I attended a college fair.
5. How often do you take a leadership role when working in a team?
- A Never
  - B Seldom
  - C Sometimes
  - D Often

**Questions 6–11.** Please respond to the following questions about extra help and the courses you took during high school.

6. Do you seek extra help when you need it?
- A Yes, all the time
  - B Yes, some of the time
  - C No
  - D I do not need extra help

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

7. If you needed extra help, would you feel comfortable asking your teachers for it?
- A Yes
  - B No
8. Did you take challenging courses in high school?
- A Yes (Continue to question 9)
  - B No (Skip to question 10)
9. Why did you take challenging courses in high school? (Mark all that apply. After responding, skip to question 11.)
- A They contribute more points towards my grade point average (GPA).
  - B My parents encouraged me to take them.
  - C My teachers or counselors encouraged me to take them.
  - D My friends took them.
  - E They will prepare me for my goal(s) beyond high school.
  - F They are necessary for admission to college.
  - G I like being challenged.
  - H Other

10. Why did you not take challenging courses in high school? (Mark all that apply. After responding, continue to question 11.)

- A They are too difficult.
- B I don't want to work that hard.
- C I don't understand the point of taking such courses.
- D Nobody encouraged me to take them.
- E My friends are not taking them.
- F My teachers or counselors recommended I not take them.
- G My parents recommended I not take them.
- H They are not necessary for my goal(s) beyond high school.
- I Other

11. In a typical week, about how many hours do you spend reading school-related materials for classes other than English both in and out of class (e.g., textbooks, books, articles, Internet, manuals, etc.)?

- A 0 hours
- B About 1–2 hours
- C About 3–4 hours
- D About 5–6 hours
- E About 7–8 hours
- F 9 hours or more

**Questions 12–14.** Please respond to the following questions about your classroom experiences and how you learn best.

12. With which of the following statements do you agree? (Mark all that apply.)
- A My teachers help me understand the connection between what I am studying and why it is important for after high school.
  - B My teachers link what I am learning to my interests.
  - C My teachers link what I am learning to my goals.
  - D My teachers take into consideration the way I learn best.
13. How do you learn **best**? (Mark only one.)
- A I prefer using pictures and images.
  - B I prefer using sound and music.
  - C I prefer using words, both in speech and writing.
  - D I prefer using your body, hands and sense of touch.
  - E I prefer using logic, reasoning and systems.
  - F I prefer to learn in groups or with other people.
  - G I prefer to work alone and use self-study.
14. With which of the following statements do you agree? (Mark all that apply.)
- A I am confident that I can succeed in any class.
  - B I like learning even if the material will not be on a test.
  - C I could handle more difficult tasks than what I am currently assigned.
  - D I could succeed in more difficult classes than those in which I am currently enrolled.
  - E I like to wrestle with new concepts.
  - F I like to discover new concepts through reading or projects before the teacher provides instruction on them.

**Questions 15–18.** Please respond to the following questions about your course and high school experiences.

15. Please indicate the following about Web-based course(s). (Mark all that apply.)
- A I did not take a Web-based course.
  - B I took a Web-based course because it was not available at my school in a traditional classroom.
  - C I took a Web-based course because I had previously failed the course in a traditional classroom.
  - D I took a Web-based course because of a schedule conflict.
  - E I took a Web-based course to earn college credit.
  - F I completed a Web-based course successfully.
  - G Other
16. Did you ever have to retake a course that you previously failed?
- A Yes, it was in a traditional classroom
  - B Yes, it was a Web-based course
  - C No
17. Have you ever seriously considered dropping out of high school?
- A Yes, I first considered it before starting high school.
  - B Yes, I first considered it during the 9th grade.
  - C Yes, I first considered it during the 10th grade.
  - D Yes, I first considered it during the 11th grade.
  - E Yes, I first considered it during the 12th grade.
  - F No (Skip to question 19)

18. Why did you decide to stay in high school? (Mark all that apply.)
- A My school made it possible to retake courses I had failed and still graduate with my class.
  - B I took some career/technical courses that motivated me to stay in school.
  - C A teacher or counselor encouraged me to stay in school.
  - D My school gave me the extra help I needed to pass my courses.
  - E My school helped me pass state-required graduation exams or end-of-course tests.
  - F I participated in career exploratory opportunities.
  - G I participated in college exploratory opportunities.
  - H Someone at my school helped me understand the importance of a high school education.
  - I Other

**If you are completing the equivalent of four or more courses in a career/technical concentration (responded B through R on question 132 in Section 2), please answer the questions in the following section. If you are NOT completing the equivalent of four or more courses in a career/technical concentration (responded A on question 132 in Section 2), please skip to page 5 directly on your answer document to provide your e-mail address.**

19. Which of the following do you have to do in your career/technical classes?  
(Mark all that apply.)
- A Predict outcomes based on observations or information provided
  - B Develop a logical argument for your solution to a problem or project
  - C Make inferences from information provided to develop a solution for a problem or project
  - D Use math to solve complex problems related to my career/technical area
  - E Apply academic knowledge and skills to my career/technical area
  - F Apply technical knowledge and skills to new situations
  - G Develop and test hypotheses
  - H Complete an extended project that requires planning, developing a solution or product and presenting the results orally or in writing.

**Questions 20–21.** How often are you required to use the following in your career/technical classes?

	Never	Once a year	Once a semester	Monthly	Weekly
20. Reading skills	A	B	C	D	E
21. Mathematics skills	A	B	C	D	E

**COMPLETE RESPONSES ON SEPARATE ANSWER DOCUMENT**

**Questions 22–23.** Are you assessed on your ability to apply the following in your career/technical classes?

- |                               | <b>Yes</b> | <b>No</b> |
|-------------------------------|------------|-----------|
| <b>22.</b> Reading skills     | <b>A</b>   | <b>B</b>  |
| <b>23.</b> Mathematics skills | <b>A</b>   | <b>B</b>  |
- 24.** Are you required to keep a folder, portfolio or verifiable record of your accomplishments?
- A** Yes, it is an electronic portfolio
  - B** Yes, it is a physical portfolio
  - C** No (Skip to page 5 directly on your answer document to provide your e-mail address)
- 25.** What is included in your folder/portfolio? (Mark all that apply.)
- A** My resume
  - B** Written documents that describe what I know and can do
  - C** Charts and graphs presenting information I prepared
  - D** Formal evaluations of my work experience
  - E** Written entries on how I completed assignments
  - F** Documentation of my post-high school plans
  - G** Examples of how I used mathematics to complete a career/technical assignment
  - H** Examples of mathematical formulas and their application to problems in my field of study
  - I** Illustrations of scientific concepts and their application to my field of study

**Please go to page 5 of your answer document  
to provide your e-mail address.**

**Thank you for your time and effort on this survey.**



