

# BCSD

Berea City School District

**EXCELLENCE • INTEGRITY • PURPOSE**

Serving Berea, Brook Park and Middleburg Heights

## Understanding the PreACT



Pre **ACT**<sup>™</sup>

A New Way to Prepare

**ACT**<sup>®</sup> You. Empowered.

## PreACT Overview



*Taking PreACT is one of the first actionable steps a student will take to practice for The ACT test.*



## PreACT Overview



- 10th grade multiple-choice paper assessment
- Provides actionable insights for students, parents, and educators
- Shorter in length than the ACT
- Flexible test administration dates
- Rapid reporting means earlier and more effective intervention and planning



## Testing Times and Item Counts

	Time Limit	Item Counts
English	30	45
Mathematics	40	36
Reading	30	25
Science	30	25
Total	130	136

## PreACT Overview—Reporting



- PreACT scores and predicted ACT score ranges for composite and subject test on ACT 1–36 scale
- PreACT reporting category scores
- Student's college and career planning results, including their results on Interest-**Career** Fit
- STEM and text complexity scores
- Student level item response and improvement skills



## PreACT Key Benefits for Students



- Early practice for taking the ACT test
- Provides PreACT score and predicted ACT score ranges on the ACT 1–36 scale
- Students may opt to share their information with colleges and scholarship agencies
- Results of the ACT Interest Inventory provides students a personalized view of interests with college and career alignment



## PreACT Key Benefits for Parents



- Understand student's potential performance on the ACT
- Understand general academic strengths and weaknesses as well as specific areas of need for academic intervention
- Understand if student's interests and career goals are aligned with their academic performance
- Assist in early postsecondary planning and career investigation
- Helps to have informed conversations about academics, interests, college, and career choices





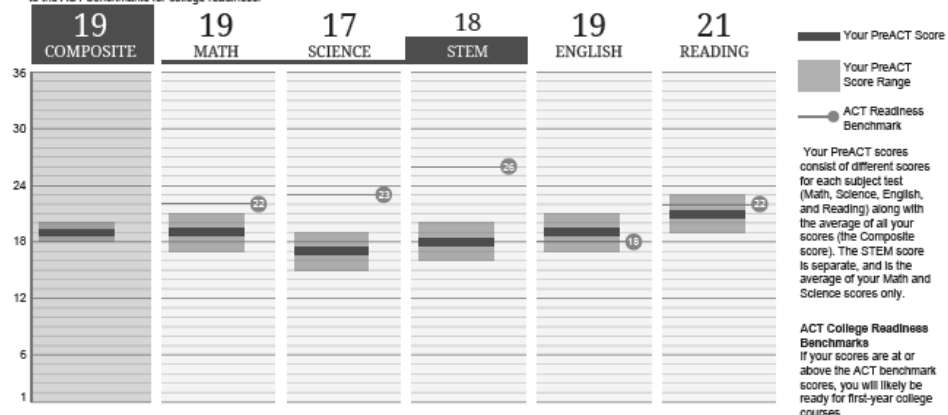
# Making the Connection

## Student Reports

Ann C. Taylor (ID#: 123876)  
 Test Date: October 7, 2016  
 Example High School (Code: 000000)  
 Grade 10

### Your PreACT™ Composite Score is 19

This graph visually represents your PreACT scores compared to the ACT Benchmark with standard of error ranges. When looking at this you can see where your score compares to the ACT benchmarks for college readiness.



**Your Predicted ACT Composite Score is 18-20** These scores will help you set expectations on performance on the ACT with one year's growth. Depending on your academic engagement these scores may vary. Use these scores to set goals for in target subjects.



### Your Detailed PreACT Results

The results below are your PreACT scores by subject and reporting category. In addition, there is a text complexity score that evaluates your reading level.

#### MATH

Reporting Category	Correct / Total	Percent Correct
Preparing for Higher Math	7/10	70 %
• Number and Quantity	6/6	100 %
• Algebra	2/5	40 %
• Functions	9/15	66 %
• Geometry	2/9	22 %
• Statistics & Probability	1/5	20 %
Integrating Essential Skills	1/5	20 %
Modeling	0/5	0 %

#### SCIENCE

Reporting Category	Correct / Total	Percent Correct
Interpretation of Data	5/10	50 %
Scientific Investigation	7/10	70 %
Evaluation of Models, Inferences & Experimental Results	2/20	10 %

#### ENGLISH

Reporting Category	Correct / Total	Percent Correct
Production of Writing	20/30	66 %
Knowledge of Language	15/20	75 %
Conventions of Standard English	10/25	40 %

#### READING

Reporting Category	Correct / Total	Percent Correct
Key Ideas & Details	10/20	50 %
Craft & Structure	3/10	30 %
Integration of Knowledge & Ideas	8/10	80 %
Understanding Complex Texts		



Correct / Total Score

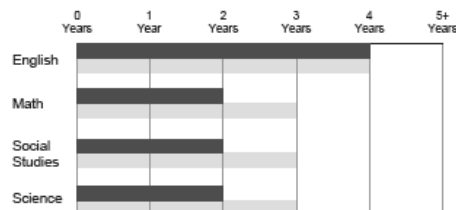
Reporting category designations are provided to help you start to focus on strengths and weaknesses. Categories with only a few items provide less stable results.

# Making the Connection

## Student Reports

### Your High School Course Plans Compared to Core

Core means minimum number of high school courses recommended to prepare for college.



You  Core

Your plans fall short of the recommended courses. Consider taking additional courses in Math, Social Studies, and Science. (Most successful college students completed all of these recommended courses when they were in high school.) You may want to talk to your counselor or teacher to make sure you are getting the courses you need.

### Your Education and Career Journey

The Career Map shows 28 Career Areas (groups of similar jobs) according to their basic work tasks: working with people, things, data, and ideas. The Career Map is divided into 12 regions. Each region has its own unique mix of work tasks. For example, Career Area P (Natural Sciences & Technologies) mostly involves working with ideas and things. What does Career Area C involve?

#### Your Interests

Your interest inventory results are shown on the Career Map. Your results suggest that you may enjoy jobs in map regions 3, 4, and 5. Visit [www.actprofile.org](http://www.actprofile.org) to find out more about jobs in those Career Areas.

#### On Track?

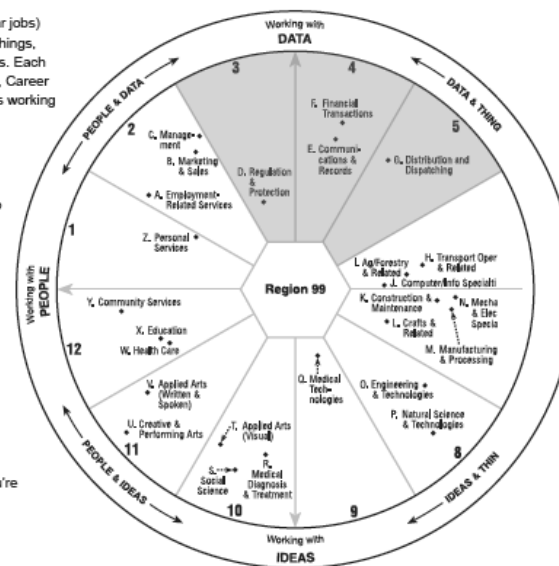
Your Predicted ACT Composite Score range: 18-20

Profile for Success: You told us you prefer Career Area O: Engineering & Technologies. Successful college students in majors related to this Career Area typically have an ACT Composite Score range of 24-28.

Compare your predicted ACT Composite Score Range to your Profile for Success.

- If your score range overlaps or is above your Profile, you're on track for success. Keep working!
- Improving your study skills and taking more challenging courses may improve your estimated ACT scores.

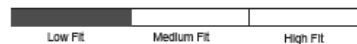
Your Educational Plans After High School: 4-year College or University



### Your Interest-Career Fit

Do your interests fit the career area you plan to enter?

You told us: **Engineering & Technologies**



You are not very interested in the kinds of basic work tasks involved in this Career Area. Workers are often more satisfied when their interests fit their job.

### Your Next Steps

#### ACT Profile

Start Exploring! ACT Profile ([www.actprofile.org](http://www.actprofile.org)) provides information on hundreds of education and career options.

#### ACT Online Prep

Helps with additional practice! ACT Online Prep ([www.actprep.org](http://www.actprep.org)) helps with additional practice for the ACT test.

#### The ACT

Sign up now! Register for The ACT at [act.org](http://act.org) lorem ipsum dolor sit amet adipiscing elit. Fusce non lectus at turpis blandit mattis.

# Making the Connection

## Student Reports

Ann C. Taylor (ID#: 123876)  
 Example High School (Code: 000000)  
 Test Date: October 7, 2018

Ask for your test booklet so you can review the questions and your answers. Suggestions for improving your skills are based on your scores. More information can be found at [preact.org](http://preact.org). The improvement suggestions provided are those most common for students with your total test score. Your particular profile of strengths and weaknesses will influence which suggestions are most relevant for you to work on.

### MATH

Correctly Answered: 22 of 40  
 Omitted: 4 of 40  
 Incorrectly Answered: 14 of 40

Question	Correct Answer	Your Answer
1	A	
2	F	
3	B	E
4	G	
5	D	
6	H	
7	A	
8	F	A
9	D	J
10	H	
11	B	
12	J	
13	C	G
14	G	
15	E	K
16	K	
17	D	
18	H	B
19	C	
20	K	A

Question	Correct Answer	Your Answer
21	A	
22	J	
23	B	
24	G	
25	E	D
26	F	
27	C	B
28	J	F
29	C	
30	H	
31	A	
32	F	
33	D	-
34	G	H
35	E	
36	K	F
37	E	
38	J	-
39	B	-
40	K	-

#### Number & Quantity

Determine the discount price of items on sale (for example, an item that normally costs \$10.00 is on sale for 13% off, so the sale price of the item is \$8.70)

#### Algebra

Calculate the score value you need on your next math test to raise your overall grade by a certain percent

Predict the outcome of simple events (for example, the sum of two 6-sided fair number cubes when rolled)

#### Functions

Research, and discuss with others, the uses of number sequences (for example, Fibonacci, arithmetic, geometric)

#### Geometry

Obtain lists of formulas and practice substituting positive and negative whole formulas to evaluate

Practice adding and subtracting algebraic expressions such as

$$(3n + 8k)(5n - 2k) = -2n + 10k$$

Practice solving two-step equations such as  $2x - 18 = -32$ ;  $2x = -14$ ;  $x = -7$

#### Statistics & Probability

Draw coordinate maps of your school, home, town, etc., labeling one point as the origin (0,0) and locating all other appropriately; recognize lines that are vertical or horizontal and increasing and decreasing slopes of lines

Use number lines to represent lengths of segments (for example, have a friend point to any two points on a meter stick and mentally calculate the distance between the two points)

#### Foundation

Determine how the sum of the interior angles of polygons are related (for example, cut the angles off of a triangle and arrange them to make a line; cut the angles off of a quadrilateral and arrange them to make a circle)

Measurement - quiz yourself and practice using the basic area and perimeter formulas for various polygons

### SCIENCE

Correctly Answered: 15 of 30  
 Omitted: 2 of 30  
 Incorrectly Answered: 13 of 30

Question	Correct Answer	Your Answer
1	A	
2	F	
3	B	
4	G	H
5	D	B
6	H	
7	A	
8	F	F
9	D	
10	H	
11	B	
12	J	
13	C	B
14	G	
15	E	
16	K	-
17	D	A
18	H	
19	B	C
20	K	J

Question	Correct Answer	Your Answer
21	A	C
22	J	
23	B	A
24	J	G
25	E	
26	F	-
27	C	
28	J	J
29	C	B
30	H	J

#### Interpretation of Data

Know how to locate several pieces of data in a complex table or graph (for example, a graph with several curved lines or axes displaying values that increase by powers of ten)

Take data from an experiment you or others did and use it to make a line graph and a bar graph

Describe how the values of several pieces of data from a line graph are different (for example, larger or smaller)

#### Scientific Investigation

Do an experiment that includes a control group (something used as the basis for comparison) and that uses procedures with several steps.

Create a one-step experiment that will answer a specific question

Tell how two experiments are the same or different

#### Evaluation of Models, Inferences, and Experimental Results

Read descriptions of actual experiments and, in each case, see if the reported results support the hypothesis

Read a scientist's opinion about an observation and figure out what assumptions the scientist made in forming that opinion

# What next?

- Create your ACT account at [act.org](https://act.org)
- Practice! Take advantage of free prep sessions
- Work hard in your classes
- Don't wait until the deadline. Avoid paying late fees!