More Than Just Test Prep

Creating a connected system that goes beyond test prep and helps create a college and career readiness school culture

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Senior Account Executive
ACT

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Account Executive
ACT
It’s not just about improving scores.

It’s about improving systems.
Successful schools and unsuccessful schools have goals

*Atomic Habits: An Easy & Proven Way to Build Good Habits & Break Bad Ones* – *James Clear*

- Goals do not determine success, systems determine success
- You do not rise to the level of your goals but fall to your systems
- We think we need to change our results, but the results are not the problem. What we really need to change are the systems that cause those results.
What system do you have in place?

Multi-tiered System of Support (MTSS) & PBIS

https://www.pbis.org/school/mtss
Building a comprehensive system to create a college and career readiness school culture

Academics
ACT Aspire                Grades 3-EHS
WorkKeys/ WorkKeys curriculum Grades High School
PreACT                    Grade  10
ACT Online Prep           Grade  11
ACT CollegeReady          Grade  12

Behavior
Tessera                   Middle school, High School
Mission, goals and systems – A Professional Development Icebreaker

1. What is the mission of our school or district?
2. What goals do we have in place to support the mission?
3. What systems are in place to support our goals?
What are the benefits of using PreACT as part of your system?
PreACT Key Benefits for Educators

- Provides a snapshot of how students are performing across academic standards
- Reporting categories provide insights to inform classroom and educator intervention
- Enables counselors with early postsecondary planning and career investigation tools and facilitates informed conversations about academics, interests, college, career choices, and course selection
- Quick access to individual student data and patterns of performance, plus item-response reporting
- Additional insights such as STEM and Text Complexity scores
- $13
Composite Scores

Composite scores and subject test scores tell you and your students which subjects need more focus before graduation.

Predicted ACT Scores

PreACT scores can be used to predict how well students are likely to perform on the ACT test. These can help determine if there are subject areas requiring more focus to improve skills and scores.

Detailed Results

This score shows the percent and number of points earned out of the total number of points possible on the skills tested within each subject.
Educator Reports

- Educator Reports Package
- Early Intervention Roster
  - Educational Plans
  - Career Interests
  - Needs for Assistance
  - Coursework Plans
- Item Response Summary Report
- Student List Report
  - Scores/Predicted ACT Ranges
  - Majors/Careers
### Item responses and how to make progress

Students receive an item analysis report. Here they can view each question, know the correct answer, and identify which items they answered incorrectly. The report also gives them ideas for progress to improve scores.

### Educator Item response summary

Identify how your students answered each item: right, wrong, or did not answer.

**Which specific areas can my students improve?**

Based on certain items, understand the content areas where you can improve curriculum before the ACT test to boost students' college readiness.
Do our students’ PreACT scores differ by ethnic and gender groups?

The table below provides average PreACT scale scores by ethnic and gender groups. Averages that are based on only a small number of students provide less stable results. The last column (% taken or taking) refers to the percent of students in each row who have or are currently taking a core set of classes: English 10, Algebra 1 and one other math course, any social studies course, and biology.

<table>
<thead>
<tr>
<th>Group</th>
<th>Number of Students</th>
<th>Composite</th>
<th>Math</th>
<th>Science</th>
<th>STEM</th>
<th>English</th>
<th>Reading</th>
<th>% Taken or Taking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Group</td>
<td>96</td>
<td>21.1</td>
<td>21.8</td>
<td>22.9</td>
<td>22.5</td>
<td>14.6</td>
<td>24.7</td>
<td>4</td>
</tr>
<tr>
<td>Black/African American</td>
<td>12</td>
<td>15.3</td>
<td>15.8</td>
<td>16.5</td>
<td>16.2</td>
<td>10.2</td>
<td>19.2</td>
<td>0</td>
</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td>12</td>
<td>26.7</td>
<td>26.8</td>
<td>29.7</td>
<td>28.5</td>
<td>20.3</td>
<td>30.7</td>
<td>17</td>
</tr>
<tr>
<td>White</td>
<td>10</td>
<td>26.4</td>
<td>26.8</td>
<td>28.8</td>
<td>27.8</td>
<td>18.8</td>
<td>31.0</td>
<td>0</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>12</td>
<td>24.2</td>
<td>25.7</td>
<td>25.8</td>
<td>25.8</td>
<td>18.2</td>
<td>26.8</td>
<td>17</td>
</tr>
<tr>
<td>Asian</td>
<td>12</td>
<td>25.2</td>
<td>25.7</td>
<td>26.7</td>
<td>26.3</td>
<td>18.3</td>
<td>28.8</td>
<td>0</td>
</tr>
<tr>
<td>Native Hawaiian/Other Pacific Islander</td>
<td>10</td>
<td>19.8</td>
<td>20.6</td>
<td>21.2</td>
<td>21.2</td>
<td>12.8</td>
<td>25.0</td>
<td>0</td>
</tr>
<tr>
<td>Two or more races</td>
<td>12</td>
<td>21.5</td>
<td>21.7</td>
<td>23.8</td>
<td>23.0</td>
<td>14.8</td>
<td>25.2</td>
<td>0</td>
</tr>
<tr>
<td>Prefer not to respond</td>
<td>4</td>
<td>28.0</td>
<td>25.5</td>
<td>32.5</td>
<td>29.5</td>
<td>18.0</td>
<td>35.0</td>
<td>0</td>
</tr>
</tbody>
</table>
College and Career Interests
Your High School Course Plans Compared to Core

A college-preparatory core curriculum refers to students taking 4 years of English and 3 years each of math, social studies, and science.

<table>
<thead>
<tr>
<th></th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Your course-taking plans fall short of a college-preparatory core curriculum in 5 subjects. Your chances for college success can be enhanced by completing additional courses in math, social studies, and science. You may want to talk to your counselor or teacher(s) to make sure you are getting the courses you need.

Your Education and Career Journey

The Career Map shows 24 Career Areas (groups of similar occupations) 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 Things and Ideas. What do you think Career Area C: Knows?

Your Interests

Your interest inventory results are shown on the Career Map. The shaded regions show the kinds of work tasks you prefer and the Career Areas you may like. Visit www.actprofile.org to find out more about occupations in these Career Areas.

On Track?

Your Predicted ACT Composite Score ranges: 18–21

Profile for Success: You told us you prefer Career Area C: Management. Successfully college students in majors related to this Career Area often have an ACT Composite Score in the range of 21–25.

Compare your Predicted ACT Composite Score range to your Profile for Success.

- You're on track for success if your predicted score range overlaps with, or is above, your Profile for Success score range.

- Improving your study skills and taking more challenging courses may help you improve your score.

Your Interest-Career Fit

Do your interests fit the Career Area you prefer? You told us:

- Management

Low Fit | Neutral Fit | High Fit

We compared your Career Area to your interest inventory results. You are somewhat interested in this kind of work done in this Career Area. Workers are often more satisfied when their interests fit the kinds of work they do.

Next Steps

Start Examining ACT Profile (www.actprofile.org) provides free information on hundreds of education and career options.

Practice ACT Online Prep (www.act.org/freeprep) is an online resource to help students prepare to take the ACT test, featuring real questions from previous tests.

Sign up now to Register for the ACT at www.act.org.
What are my students’ educational plans?

Understand how your students’ PreACT Composite scores, coursework plans, and educational plans relate to their career interests.

<table>
<thead>
<tr>
<th>Career Cluster from Interest Inventory</th>
<th>Number of Students</th>
<th>Percent by Educational Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>Administration/Sales</td>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>Business Operations</td>
<td>10</td>
<td>8</td>
</tr>
<tr>
<td>Technical</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Science &amp; Technology</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Arts</td>
<td>4</td>
<td>7</td>
</tr>
</tbody>
</table>
What are the benefits of using ACT Online Prep as part of your system?
A structured tool that provides students, educators and administrators the resources necessary to prepare students for the ACT.
Provides

• A short-form ACT test to get started
• A personalized learning path
• Tools to track progress
• Daily goals to help students stay on target
• Customizable flash cards
• A game center to further solidify students knowledge
• Full-length practice tests to simulate the actual exam
• A free mobile app
Welcome to ACT Online Prep™

Adaptive Learning Plan: Conventions of Standard English Category Progress

28% Complete

To give you the best adaptive plan, we recommend you take this adaptive assessment first so we know what you need to work on most.

90 Knowledge

Percentile Rank

Avg. Score on Practice Questions

Avg. Score on Exams

Strengths & Weaknesses

English

Beginner Basic Intermediate Proficient Advanced Expert

Conventions of Standard English

Knowledge of Language

Production of Writing

Top Game Scores

Card Picker Not played yet!
Card Hunter I Not played yet!
Card Hunter II Not played yet!
Card Coupler Not played yet!
Card Sweeper Not played yet!
Student Dashboard

- Track to test day
- Daily goals
- Completion rate
- Rankings
- Predicted Scores

Welcome to ACT Online Prep™

Today’s Knowledge Goal: 0/631
Learning Plan Progress: 3%

Master ACT English: Short Test + Conventions of Standard English - Strategies & Review | 6 / 41 Tasks

Commas Practice Questions Set 1
16 Knowledge

Percentile Rank
- 26 percentile

Avg. Score on Practice
- 17% Correct

Avg. Score on Tests
- 26% Correct

Predicted Score
- English: 9-15
- Mathematics: 15-18
- Reading: 13-18
- Science: 10-15

Strengths & Weaknesses

- English: Intermediate

Upcoming Classes
- Writing Workshop: October 15th, 2018 4:00 pm
- Organization Strategies: October 15th, 2018 5:00 pm
- Geometry II: October 15th, 2018 5:30 pm

Top Game Scores
- Card Picker: Not played
- Card Hunter I: Not played
- Card Hunter II: Not played
- Card Coupler: Not played
- Card Sweeper: Not played

Achievements
- 48/58 left to unlock
- Note a hero
Game center designed to make learning fun and easy with tools like flashcards, discussions, and games.
Game Center

Card Picker
- Your highest score: 1038
- Your rank: 17597

Leaderboard
- Top 1: ANTHONY GAYLOR - 22897111
- Top 2: hyun-bin - 9368122
- Top 3: CASMIRA KUHN - 5570182

Start playing

Card Hunter I
- Your highest score: 1061
- Your rank: 8279

Leaderboard
- Top 1: CAITLYN ORTIZ - 6753
- Top 2: ANNA THOMAS - 6066
- Top 3: SHELBY GRYB - 5288

Start playing

Card Hunter II
- Your highest score: 0
- Your rank: Not yet determined

Leaderboard
- Top 1: Ahmadre D. A. Darrisaw - 34334
- Top 2: Olivia Knight - 34256
- Top 3: MICHAEL YESUDAS - 34236

Start playing

Card Coupler
- Your highest score: 0
- Your rank: Not yet determined

Leaderboard
- Top 1: LYDIA CROCE - 2653
- Top 2: ELLERY VOSKA - 2516
- Top 3: ASHLEY LANDA - 2234

Start playing

Card Sweeper
- Your highest score: 0
- Your rank: Not yet determined

Leaderboard
- Top 1: Hillner, Cody - 67674
- Top 2: MACI ELLIOTT - 57086
- Top 3: CAMERON R. GUDGER - 53512

Start playing
Lessons

Comprehensive content review, cognitive and non-cognitive lessons
Lessons

Immediate feedback.

ACT
For students who need to practice pacing.
## Timed Practice Tests

**Dashboard**

### Tests

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Test Length</th>
<th>% Correct</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Short Test</td>
<td>30 Questions</td>
<td>--</td>
</tr>
<tr>
<td>Math Short Test</td>
<td>22 Questions</td>
<td>68% (15/22)</td>
</tr>
<tr>
<td>Reading Short Test</td>
<td>18 Questions</td>
<td>--</td>
</tr>
<tr>
<td>Science Short Test</td>
<td>18 Questions</td>
<td>--</td>
</tr>
<tr>
<td>ACT® Practice Exam 1</td>
<td>215 Questions</td>
<td>68% (145/214)</td>
</tr>
<tr>
<td>ACT® Practice Exam 2</td>
<td>215 Questions</td>
<td>--</td>
</tr>
</tbody>
</table>

- **Tests Taken**: 2 of 6
- **Avg. Answer Time**: 0 min 2 sec
- **Avg. Correct Answer Time**: 0 min 2 sec
- **Avg. Incorrect Answer Time**: 0 min 2 sec
A Gift of the Ocean

I often give Barbara, a friend of mine, rides to the airport, however on her most recent trip, she knew that the 5:00 A.M. departure and midnight return times were inconvenient and asked a lot of our friendship. So when I picked her up from her trip to San Diego, she gave me a thank-you gift—a plastic packet of ocean. Knowing how much I miss the ocean, she informed me that this was my own piece of the ocean.

The souvenir is just a plastic rectangular packet that measures two inches by four inches. The water inside is colored an artificial blue and contains a red rubber fish which swims upside down. But there is genuine sand inside and a tiny pair of real shells. My friend knew that this miniature scene would amuse me.

When I hold it up to the light, I can imagine scenes from my past. I can see black-backed dolphins arching across the ocean surface, in the sunrise, just beyond my brother, who is fishing. The tide has retreated, beached various sea creatures after a stormy night—an upturned horseshoe crab and a narrowed jellyfish with its still drooping tentacles.

When I press the plastic packet of ocean, I feel the tips of sand and imagine it beneath my feet. I can imagine it piling my calves, making them look like a sand sculpture.

Sometimes in the evening, I hold the packet and remember the ocean at night. Out on the pier, where fishing rods hang over the edge of the planks, bathers are hurled against the chill of a damp night as their parents fish waiting for a run of bluefish, sometimes pulling in a rockfish, it’s smooth, blinding like an eye. When the bluefish do me, everyone prepares to meet these fierce fighters, aware that a one-pound bluefish can pull at the line like crazy.

I asked keep the ocean souvenir on any desk by any computer. On days when a harsh winter wind blows, I hold the plastic packet up to the light and dream of warm sand and a sun-drenched sea.

A. NO CHANGE
B. coast now;
C. coast now.
D. coast now.
Results Analysis

With option to review errors.
For students, parents, and teachers who want transparency.
<table>
<thead>
<tr>
<th>Administrator Type</th>
<th>Aggregated State Reporting</th>
<th>Aggregated District Reporting</th>
<th>Aggregated School Reporting</th>
<th>Aggregated Group Reporting</th>
<th>Individual Student Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Test Coordinator</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>District Supervisor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>School Test Coordinator</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Instructor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Teacher Capabilities

Teachers can impersonate their students & get detailed insights into student performance.
Create assignments for students.
Receive scores back.
Run reports on performance, confidence level, progress, & usage.
Convenience.
Any device
A. Purpose
Use this form to order student licenses for ACT® Online Prep™. Complete the information requested below and follow the instructions in section G to submit to ACT.

Note: Students will have access to their account for one year following account activation.

B. Pricing, Sales Tax, and Payment Information

<table>
<thead>
<tr>
<th>Price Type</th>
<th>Description</th>
<th>Price Per License</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Standard</td>
<td>No minimum purchase required (price per student, one license per student).</td>
<td>$39.95</td>
</tr>
<tr>
<td>□ Standard Bulk</td>
<td>Minimum purchase of 50 licenses (one per student).</td>
<td>$24.95</td>
</tr>
<tr>
<td>□ Contract</td>
<td>Applicable to schools or districts purchasing ACT Online Prep where a contract is in place for the ACT® test. Minimum purchase of 50 licenses (one per student).</td>
<td>$19.95</td>
</tr>
<tr>
<td>□ GEAR UP</td>
<td>GEAR UP organizations receive an automatic 50% discount.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Note: ACT will confirm program participation before processing the order.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$19.98 (50+ seats)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$9.98 (contract)</td>
</tr>
<tr>
<td>□ A 50% discount is available for schools with more than 50% free and reduced lunch students. To qualify for this discount, (1) check the box to the left and (2) submit documentation with this order form on school letterhead stating the percent of high school students participating in free and reduced lunch.</td>
<td>$19.98</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>$12.48 (50+ seats)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$9.98 (contract)</td>
</tr>
</tbody>
</table>
What are the benefits of using ACT CollegeReady as part of your system?
A New Model for Remediation and Student Success:
The problem of college readiness

<table>
<thead>
<tr>
<th>2-Year Institutions</th>
<th>4-Year Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than</td>
<td>Nearly</td>
</tr>
<tr>
<td>50%</td>
<td>20%</td>
</tr>
<tr>
<td>placed in remedial classes</td>
<td>placed in remedial classes</td>
</tr>
</tbody>
</table>

*Of the students requiring remedial classes…*

<table>
<thead>
<tr>
<th>Fewer than</th>
<th>Little more than</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 in 10</td>
<td>1 in 3</td>
</tr>
<tr>
<td>Graduate within 3 years</td>
<td>Graduate in 6 years</td>
</tr>
</tbody>
</table>

We can do better
ACT® CollegeReady™ is a student success tool that identifies knowledge and skill gaps in math and English and creates a personalized learning path that empowers students to address their individual academic needs.

It ticks all the boxes for an RTI or MTSS tool.
Here’s how it works:

• **Assessment**—Students take an initial knowledge inventory through the platform that tells them, and your school, if they are ready for college-level math and English.

• **Placement**—Learners who receive a high score can be placed into college-level coursework. For high schools, this could mean dual-enrollment courses.

• **Development**—Those who need to improve their readiness use CollegeReady to help them achieve that goal prior to college registration by utilizing the personalized learning path CollegeReady creates for them.

• **Reporting**—Students and Schools receive actionable data with real-time information on student progress.

• **Continued Improvement**—CollegeReady can continue to support students’ skill improvement
CollegeReady in 2 Easy Steps:

Step 1: Diagnose math and English skills with low-stakes diagnostic

Step 2: Follow a personalized study path to readiness
**English**

**ACT CollegeReady Milestones at a Glance**

Scores of 75 and 100 are default milestones in ACT CollegeReady, indicating levels of student readiness in English for different college programs.

ACT CollegeReady milestone scores were informed by a survey of the competency expectations of postsecondary programs of study across the United States.

After completing the initial diagnostic, students are encouraged to master the material (as needed) in the order presented below.

<table>
<thead>
<tr>
<th>Score</th>
<th>Prepared to pursue introductory-level, college English courses.</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td><strong>COMPETENCY</strong>: Basic Analytical Reading and Academic Writing Skills</td>
</tr>
<tr>
<td>100</td>
<td><strong>COMPETENCY</strong>: Substantial Analytical Reading and Academic Writing Skills</td>
</tr>
</tbody>
</table>

A score of 100 is when all units have been mastered.

1. Introduction to College Reading and Writing
   - **READING**: Author, Audience, and Purpose
   - **Factual and Opinion**
   - **Using Context Clues**
   - **Identifying Word Parts**
   - **Topic Sentences**
   - **Writing**
   - **Topic Sentences**
   - **Revising, Editing, and Proofreading**
   - **Grammar**
   - **Subjects and Verbs**
   - **Prepositional Phrases**
   - **End Punctuation**

2. Discovering Main Ideas
   - **Reading**
   - **Stated Main Ideas**
   - **Supporting Details**
   - **Using Context Clues**
   - **Identifying Word Parts**
   - **Writing**
   - **Developing a Thesis Statement and Supporting Ideas**

3. Interpreting Bias
   - **Reading**
   - **Making Inferences and Drawing Conclusions**
   - **Outlining a Reading**
   - **Faulty Parallel Structure**
   - **Using Context Clues**
   - **Identifying Word Parts**

4. Expanding Comparative Elements
   - **Reading**
   - **Identifying a Comparison Made in a Reading**
   - **Using Context Clues**
   - **Identifying Word Parts**

5. Analyzing through Definition
   - **Reading**
   - **Identifying Denotation and Connotation**
   - **Using Context Clues**
   - **Identifying Word Parts**

6. Learning Across Disciplines
   - **Reading**
   - **Understanding Reading and Writing Differences Across Disciplines**
   - **Using Context Clues**
   - **Identifying Word Parts**

7. Identifying Logical Fallacies and Causal Relationships
   - **Using Context Clues**
   - **Identifying Word Parts**

8. Exploring Informed Opinions through Causal Chains
   - **Using Effective Evidentiary Support**

9. Exploring Logical Fallacies and Causal Relationships
   - **Using Context Clues**
   - **Identifying Word Parts**

10. citical Analysis
    - **Writing**
    - **Identifying Main Ideas and Source Bias in a Complex Reading**
    - **Evaluating Relevant Sources Used Within a Reading**
    - **Using Context Clues**
    - **Identifying Word Parts**

11. Using Sources in Critical Reading and Writing
    - **Reading**
    - **Revising and Evaluating Sources**
    - **Evidentiary Support**
    - **Avoiding Plagiarism**
    - **Formatting a College Essay – APA Style**
    - **Grammar**
    - **Capitalizing Words and Punctuating Titles**
    - **Quotation Marks**
    - **APA Citation Styles**
**ACT CollegeReady Milestones at-a-Glance**

Scores of 60, 80, and 100 are default milestones in ACT CollegeReady, indicating levels of student readiness in math for different college programs.

ACT CollegeReady milestone scores were informed by a survey of the competency expectations of postsecondary programs of study across the United States.

After completing the initial diagnostic, students are encouraged to master the material (as needed) in the order presented below.

<table>
<thead>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adding and Subtracting Whole Numbers</td>
<td>Proportions</td>
<td>Solving Percent Problems</td>
<td>Metric Units of Measurement</td>
<td>Perimeter, Circumference, and Area</td>
<td>Measures of Center</td>
<td>Operations with Real Numbers</td>
<td>Solving Equations</td>
<td>Polynomials</td>
<td>Factoring Polynomials</td>
<td>Slope and Writing the Equation of a Line</td>
<td>Algebraic Methods to Solve Systems of Equations</td>
<td>Rational Equations</td>
<td>Graphing Trigonometric Functions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiplying and Dividing Whole Numbers</td>
<td>Solving Percent Problems</td>
<td>Temperature</td>
<td>Metric Units of Measurement</td>
<td>Volume of Geometric Solids</td>
<td>Measures of Center</td>
<td>Properties of Real Numbers</td>
<td>Solving Equations</td>
<td>Polynomials with Several Variables</td>
<td>Factoring Polynomial Equations</td>
<td>Writing the Equation of a Line</td>
<td>Systems of Equations in Three or More Variables</td>
<td>Polynomials with Several Variables</td>
<td>Introduction to Trigonometric Functions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Properties of Whole Numbers</td>
<td>Solving Percent Problems</td>
<td>Temperature</td>
<td>Metric Units of Measurement</td>
<td>Volume of Geometric Solids</td>
<td>Measures of Center</td>
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<td>Factoring Polynomial Equations</td>
<td>Writing the Equation of a Line</td>
<td>Systems of Equations in Three or More Variables</td>
<td>Polynomials with Several Variables</td>
<td>Introduction to Trigonometric Functions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exponents, Square Roots, and the Order of Operations</td>
<td>Solving Percent Problems</td>
<td>Temperature</td>
<td>Metric Units of Measurement</td>
<td>Volume of Geometric Solids</td>
<td>Measures of Center</td>
<td>Properties of Real Numbers</td>
<td>Solving Equations</td>
<td>Polynomials</td>
<td>Factoring Polynomial Equations</td>
<td>Writing the Equation of a Line</td>
<td>Systems of Equations in Three or More Variables</td>
<td>Polynomials with Several Variables</td>
<td>Introduction to Trigonometric Functions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adding and Subtracting Fractions and Mixed Numbers</td>
<td>Solving Percent Problems</td>
<td>Temperature</td>
<td>Metric Units of Measurement</td>
<td>Volume of Geometric Solids</td>
<td>Measures of Center</td>
<td>Properties of Real Numbers</td>
<td>Solving Equations</td>
<td>Polynomials</td>
<td>Factoring Polynomial Equations</td>
<td>Writing the Equation of a Line</td>
<td>Systems of Equations in Three or More Variables</td>
<td>Polynomials with Several Variables</td>
<td>Introduction to Trigonometric Functions</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 100 | Well-prepared for college math, including STEM programs. |

**Likely prepared to pursue introductory-level, non-STEM college math courses.**

**Likely prepared to pursue introductory-level, non-STEM college math courses.**

**Prepared for most introductory-level college math courses.**

**A score of 100 is when all units have been mastered.**

---

**INDICATES A STUDENT IS**

**MATH**

ACT CollegeReady Milestones at-a-Glance

Scores of 60, 80, and 100 are default milestones in ACT CollegeReady, indicating levels of student readiness in math for different college programs.

ACT CollegeReady milestone scores were informed by a survey of the competency expectations of postsecondary programs of study across the United States.

After completing the initial diagnostic, students are encouraged to master the material (as needed) in the order presented below.

1: Whole Numbers  
Introduction to Whole Numbers  
Adding and Subtracting Whole Numbers  
Multiplying and Dividing Whole Numbers  
Properties of Whole Numbers  
Exponents, Square Roots, and the Order of Operations

2: Fractions and Mixed Numbers  
Introduction to Fractions and Mixed Numbers  
Multiplying and Dividing Fractions and Mixed Numbers  
Adding and Subtracting Fractions and Mixed Numbers

3: Decimals  
Introduction to Decimals  
Decimal Operations

4: Ratios, Rates and Proportions  
Ratio and Rates | Proportions  
Solving Percent Problems

5: Percents  
Introduction to Percents  
Solving Percent Problems

6: Measurement  
U.S. Customary Units of Measurement  
Metric Units of Measurement  
Temperature

7: Geometry  
Basic Geometric Concepts and Figures  
Perimeter, Circumference, and Area  
Volume of Geometric Solids

8: Concepts in Statistics  
Statistical Graphs and Tables  
Measures of Center  
Graphical Representations  
Probability

9: Real Numbers  
Introduction to Real Numbers  
Operations with Real Numbers  
Properties of Real Numbers  
Simplifying Expressions

10: Solving Equations and Inequalities  
Solving Equations  
Solving Inequalities  
Compound Inequalities and Absolute Value

11: Exponents and Polynomials  
Integer Exponents  
Polynomials with Single Variables  
Polynomials with Several Variables

12: Factoring  
Introduction to Factoring  
Factoring Polynomials  
Solving Quadratic Equations

13: Graphing  
Graphs and Applications  
Slope and Writing the Equation of a Line

14: Systems of Equations and Inequalities  
Algebraic Methods to Solve Systems of Equations  
Systems of Equations in Three or More Variables

15: Rational Expressions  
Operations with Rational Expressions  
Rational Equations  
Formulas and Variation

16: Radical Expressions and Quadratic Equations  
Introduction to Roots and Radical Exponents  
Graphing Trigonometric Functions

17: Functions  
Introduction to Functions  
Using Functions  
Operations with Functions

18: Exponential and Logarithmic Functions  
Exponential Functions  
Logarithmic Functions  
Natural Logarithms  
Logarithmic and Exponential Equations

19: Trigonometry  
Introduction to Trigonometric Functions  
Graphing Trigonometric Functions
Student & Admin Experience
Hi Tyler. Welcome to ACT CollegeReady!

Are you ready to succeed at Coralville University?

You have subscriptions to the following products:
- ACT CollegeReady English
- ACT CollegeReady Math

Get Ready
You will be taking an initial diagnostic to gain an understanding of your college math readiness.

Answer the questions as best you can, without study aids, in order to get the most accurate picture of your current understanding.

There is no built-in calculator for ACT CollegeReady. Some exams (e.g. Accuplacer) allow the use of calculators for some problems, but not others. Use your judgment (or ask your teacher) to decide whether it is appropriate to use a calculator for some or all of this diagnostic.

The time of completion will vary. Expect to take about an hour.

If you need to leave before your diagnostic is complete, your work will be automatically saved until your next visit to ACT CollegeReady.
Diagnostic Messaging

Initial Diagnostic Progress

You are halfway through this diagnostic!

If this has been difficult thus far, you may want to skip the rest of this diagnostic so you can start studying. There is no obligation – keep going with this diagnostic if you prefer.
You have completed this initial diagnostic.

Well done! You have completed the first stage of your ACT CollegeReady study path.

Based on your performance on this diagnostic, we believe that you will benefit from continuing to use ACT CollegeReady, but you may also want to seek out tutoring or other additional help.

Many students like you have dramatically improved their English readiness by putting in the time and effort with ACT CollegeReady!

You can learn this material and succeed in college, but you will need to work hard at it. Don't be afraid to get additional support.
Viewing the results of the initial assessment.

<table>
<thead>
<tr>
<th>Units you should study:</th>
<th>Topic Status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to College Reading and Writing</td>
<td></td>
</tr>
<tr>
<td>Identifying Main Ideas</td>
<td></td>
</tr>
<tr>
<td>Discovering Implied Meaning</td>
<td></td>
</tr>
<tr>
<td>Interpreting Bias</td>
<td></td>
</tr>
<tr>
<td>Analysis through Definition</td>
<td></td>
</tr>
<tr>
<td>Exploring Comparative Elements</td>
<td></td>
</tr>
<tr>
<td>Informed Opinions through Causal Chains</td>
<td></td>
</tr>
<tr>
<td>Applied Critical Analysis</td>
<td></td>
</tr>
<tr>
<td>Using Sources in Critical Reading and Writing</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Units you did well on:</th>
<th>Topic Status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning Across Disciplines</td>
<td></td>
</tr>
</tbody>
</table>
Student selects “LEARN” to study the topic: Adding Whole Numbers and Applications

[ACT CollegeReady screenshot showing study path and topics]

- **Whole Numbers**
  - Recommended study time: 3 hours
  - Topics: Adding Whole Numbers and Applications, Subtracting Whole Numbers and Applications, Estimation, Multiplying Whole Numbers and Applications, Dividing Whole Numbers and Applications

- **Additional units you could study**:
  - Measurement
  - Concepts in Statistics
  - Trigonometry

[Buttons for NECESSARY REVIEW, LEARN, and TEST for each topic]
At the Topic Home, students can see the steps on the path to subject mastery.
Viewing the presentation for Addition.
Viewing a worked example for Addition.

Problem: \(46 + 43 = ?\)

\[
\begin{align*}
46 & = 40 + 6 \\
+43 & = 40 + 3 \\
\hline
89 & \quad 80 + 9
\end{align*}
\]
Viewing the topic text for Adding Whole Numbers and Applications.

**Learning Objective(s)**
- Add whole numbers without regrouping.
- Add whole numbers with regrouping.
- Find the perimeter of a polygon.
- Solve application problems using addition.

**Introduction**
Adding is used to find the total number of two or more quantities. The total is called the **sum**, or the number that results from the addition. You use addition to find the total distance that you travel if the first distance is 1,240 miles and the second distance is 530 miles. The two numbers to be added, 1,240 and 530, are called the **addends**. The total distance, 1,770 miles, is the sum.

**Adding Whole Numbers, without Regrouping**
Adding numbers with more than one digit requires an understanding of **place value**. The place value of a digit is the value based on its position within the number. In the number 492, the 4 is in the hundreds place, the 9 is in the tens place, and the 2 is in the ones place. You can use a number line to add. In the example below, the blue lines represent the two quantities, 15 and 4, that are being added together. The red line represents the resulting quantity.
Taking a practice question in Adding Whole Numbers and Applications.
Student beginning a test to check their knowledge.
Student receives feedback upon completion of the topic test.

Good Job!

Based on your answers here you have mastered this topic!
Topic added to list of topics mastered.
Student receives feedback upon meeting the math target score.

Congratulations!
You have completed this study path and reached your target score of 90.

You can:
- Review the units you have already mastered.
- Continue studying new material to raise your score.
Administrator Experience
Admin experience
Administrator Overview screen
Admin experience
Administrator Student Data Summary screen: viewing students’ performance and progress.
Tests Taken

Each row of this table represents a completed test for this student, including any initial diagnostic, unit, or topic-level tests. You can review more details for each test by clicking the "Details" option in the Actions column, as well as by emailing yourself a complete copy of the table data.

**List of every test completed**

<table>
<thead>
<tr>
<th>Test #</th>
<th>Date Completed</th>
<th>Scope</th>
<th>Name</th>
<th>Score upon completion</th>
<th>Mastery Status</th>
<th>Unit</th>
<th>Topic</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>12/28/2017 19:38</td>
<td>Topic</td>
<td>Reading</td>
<td>76</td>
<td>Mastered</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Exploring Comparative Elements</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>12/28/2017 19:26</td>
<td>Unit</td>
<td>Exploring Comparative Elements</td>
<td>74</td>
<td>Needs Review</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Questions

This table shows each question administered to this student for the test chosen from the table above. Click "Show" in the Actions column to launch the question viewer, which includes options to review the student answer as well as the correct answer in each case. If you filter or sort this table, the question viewer will only show the questions listed in the table.

Questions administered for: Exploring Comparative Elements (Test #10)

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Import Code</th>
<th>Name</th>
<th>Level</th>
<th>Result</th>
<th>Possible Points</th>
<th>Scored Points</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>162821</td>
<td>Filter</td>
<td>LOW</td>
<td>Correct</td>
<td>1</td>
<td>1</td>
<td>Show</td>
</tr>
<tr>
<td>7</td>
<td>162905</td>
<td>Filter</td>
<td>LOW</td>
<td>Correct</td>
<td>1</td>
<td>1</td>
<td>Show</td>
</tr>
<tr>
<td>11</td>
<td>163437</td>
<td>Filter</td>
<td>LOW</td>
<td>Incorrect</td>
<td>1</td>
<td>0</td>
<td>Show</td>
</tr>
<tr>
<td>9</td>
<td>163545</td>
<td>Filter</td>
<td>LOW</td>
<td>Correct</td>
<td>1</td>
<td>1</td>
<td>Show</td>
</tr>
<tr>
<td>13</td>
<td>163615</td>
<td>Filter</td>
<td>LOW</td>
<td>Correct</td>
<td>1</td>
<td>1</td>
<td>Show</td>
</tr>
<tr>
<td>8</td>
<td>163651</td>
<td>Filter</td>
<td>LOW</td>
<td>Incorrect</td>
<td>1</td>
<td>0</td>
<td>Show</td>
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<tr>
<td>6</td>
<td>165760</td>
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<td>Correct</td>
<td>1</td>
<td>1</td>
<td>Show</td>
</tr>
<tr>
<td>1</td>
<td>165784</td>
<td>Filter</td>
<td>LOW</td>
<td>Incorrect</td>
<td>1</td>
<td>0</td>
<td>Show</td>
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<td>166160</td>
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<td>1</td>
<td>Show</td>
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<tr>
<td>10</td>
<td>658645</td>
<td>Filter</td>
<td>LOW</td>
<td>Incorrect</td>
<td>1</td>
<td>0</td>
<td>Show</td>
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### CollegeReady pricing 2018-19

<table>
<thead>
<tr>
<th>Number of Subjects</th>
<th>Price per subscription with Basic Reporting Package</th>
<th>Price per subscription with Performance Reporting Package</th>
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</thead>
<tbody>
<tr>
<td>One: Math or English</td>
<td>$10</td>
<td>$12</td>
</tr>
<tr>
<td>Two: Math and English</td>
<td>$15</td>
<td>$17</td>
</tr>
</tbody>
</table>

- **Basic reporting**: Basic reporting provides access to a roster of students with their current scores for the purposes of placement.
- **Performance reporting**: Performance reporting adds dashboard functions (mastery; score distribution; other analytics) across all students. Performance reporting also provides each learner’s unit-by-unit progress toward mastery.

- Minimum number of subscriptions per order: 20
Do you need a practice test for the ACT that provides a curricular and instructional tool along with information on career exploration?

Do you need a convenient, structured system, that provides students, educators, and administrators, the tools necessary to prepare students for the ACT?

Do you have students that are on the cusp of graduation, but need a little help in English or math to be truly ready for entry level coursework?

What systems are in place to support your goals?
Thank You!