

Using ACT and ACT WorkKeys Data to Increase College and Career Readiness

Presenter:

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ACT Account Executive: Arkansas and East Texas



Learning Objectives

- Strategies to optimize the functions of ACT Online Reporting.
- Utilization of the ACT College Readiness Standards and Reporting Categories to strengthen curriculum and instruction.
- Tools for analyzing student data to predict college readiness as it related to AR SQSS Indicators.
- Various applications of ACT solutions to specifically to support district goals.
- Best practices to increase equity and access for all students.

Preparing for College

Anatomy of the ACT

Subject	Question Details	Time
ACT English	5 passages 75 question	45 minutes
ACT Mathematics	60 questions	60 minutes
ACT Reading	5* passages 40 questions	35 minutes
ACT Science	40 questions	35 minutes
ACT Writing (Optional)	1 essay	40 minutes

**including 1 paired-passage set*

SPECIFICATION RANGES BY REPORTING CATEGORY FOR ENGLISH

Reporting Category	Number of Items	Percentage of Test
Production of Writing	22–24	29–32%
Knowledge of Language	11–13	15–17%
Conventions of Standard English	39–41	52–55%
Total Number of Items	75	100%

SPECIFICATION RANGES BY REPORTING CATEGORY FOR READING

Reporting Category	Number of Items	Percentage of Test
Key Ideas & Details	21–24	53–60%
Craft & Structure	10–12	25–30%
Integration of Knowledge & Ideas	6–9	15–23%
Total Number of Items	40	100%

SPECIFICATION RANGES BY REPORTING CATEGORY FOR MATHEMATICS

Reporting Category	Number of Items	Percentage of Test
Preparing for Higher Mathematics	34–36	57–60%
Number & Quantity	5–7	8–12%
Algebra	7–9	12–15%
Functions	7–9	12–15%
Geometry	7–9	12–15%
Statistics & Probability	5–7	8–12%
Integrating Essential Skills	24–26	40–43%
Modeling	≥12	≥20%
Total Number of Items	60	100%

Notes: Each item reported in Modeling is also reported in either Preparing for Higher Mathematics (and the appropriate subcategory) or in Integrating Essential Skills.

SPECIFICATION RANGES BY REPORTING CATEGORY FOR SCIENCE

Reporting Category	Number of Items	Percentage of Test
Interpretation of Data	16–20	40–50%
Scientific Investigation	8–12	20–30%
Evaluation of Models, Inferences & Experimental Results	10–14	25–35%
Total Number of Items	40	100%

All subjects test DOK Levels 1, 2, and 3
For Science: Almost all items are DOK Levels 2 and 3

ACT National Testing

- **For:** Grade 11 primarily; grade 10 (early scores); grade 12 (senior retake)
- **Time:** Seven times a year (typically on Saturdays) in February, April, June, July, September, October, and December
- **Place:** National testing centers
- **Format options:** Primarily Paper-Online Testing coming in December 2023
- **Test types:** ACT or ACT with writing
- **Pricing (2023–2024):** \$66 per student for ACT without writing; \$91 per student for ACT with writing



TEST DATES

United States, US Territories, and Puerto Rico

2023|2024

Test Dates	Regular Registration Deadline	Late Registration Deadline	Photo Upload and Standby Deadline
September 9, 2023	August 4	August 18	September 1
October 28, 2023	September 22	October 6	October 20
December 9, 2023	November 3	November 17	December 1
February 10, 2024	January 5	January 19	February 2
April 13, 2024	March 8	March 22	April 5
June 8, 2024	May 3	May 17	May 31
July 13, 2024*	June 7	June 21	July 5

*No test centers are scheduled in New York for the July test date.

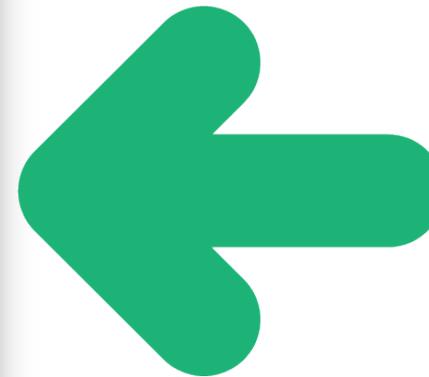
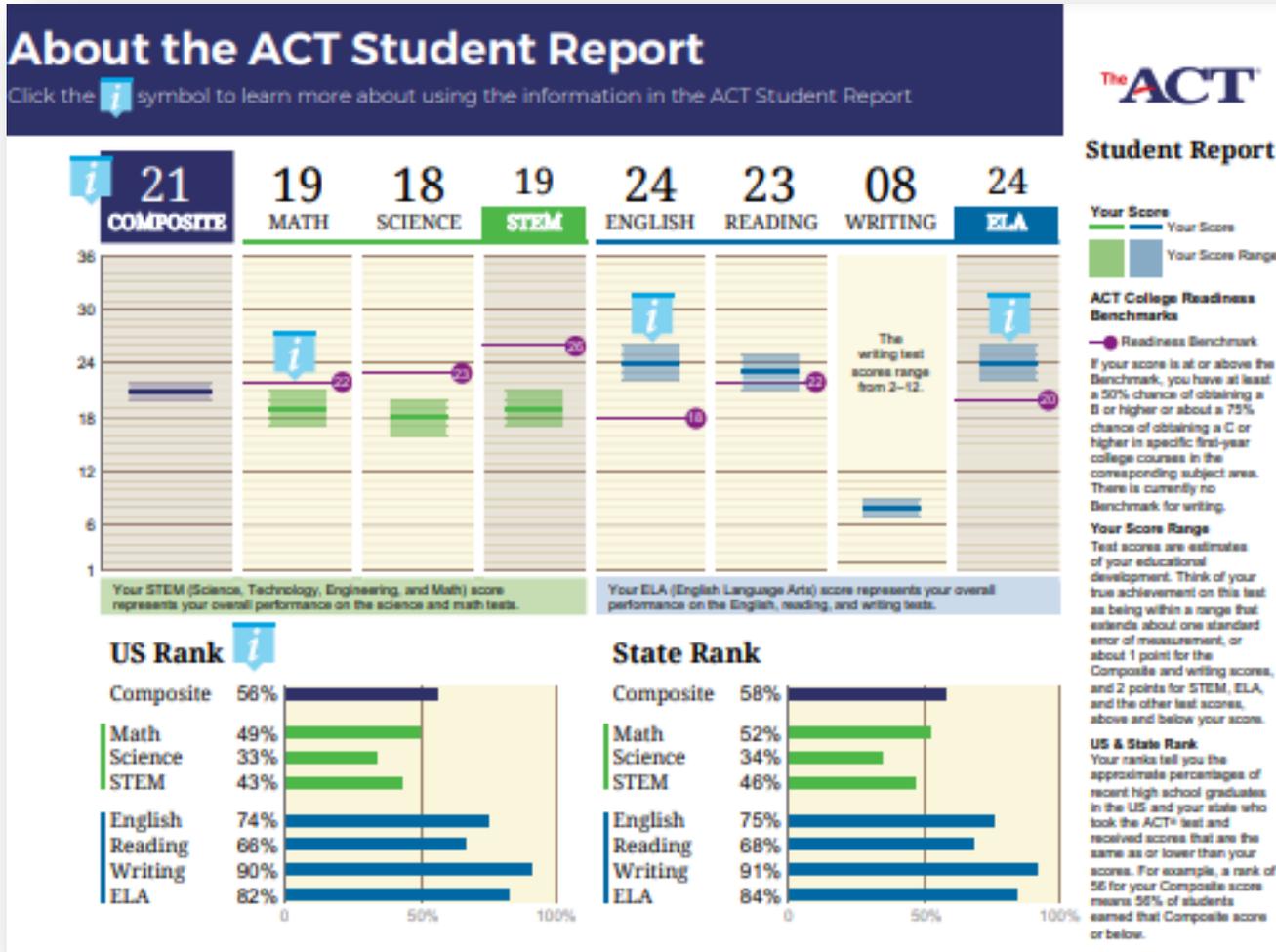
Test Information Release for the 2023–2024 testing year will occur in September, April, and June. See www.act.org/the-act/tir for more information.

ACT District Testing

- **For:** Grades 9th-12th primarily; grades 9- 10 (early scores); grade 11 (Fall only-practice for ACT State Testing); grade 12 (senior retake)
- **Time:** Multiple Fall and Spring test date options, selected from those on the state and district website
- **Place:** Students' own classrooms during weekday
- **Format options:** On paper or online, per school or district decision
- **Test types:** The ACT test or the ACT test with writing, per school or district decision
- **Pricing (2023–2024):** AR State Rate is \$41.50 per student for ACT without writing

Arkansas: ACT District Testing Dates & Deadlines					
School Year 2023-2024					
Test Administration	Enrollment/ Signed Agreement & School List Deadline*	Paper Test Date	Online Testing Window	Price Per Test (FY24 AR State Match Rate for Paper and Online Tests)	Grades Eligible to Participate in ACT District Testing by Test Administration**
Fall 2023: Test Window 1	August 30, 2023	October 17, 2023	October 17-19 October 24-26	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, 11th grade, and 12th grade
Fall 2023: Test Window 2	August 30, 2023	October 31, 2023	October 31– November 2 November 7-9	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, 11th grade, and 12th grade
Initial Spring 2024: Test Window 1	January 24, 2024	N/A– This window is open to online testing only.	February 27– March 1 March 4-8	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, and 12th grade
Early Spring 2024: Test Window 1	January 24, 2024	March 12, 2024	March 12-15 March 18-22	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, and 12th grade
Early Spring 2024: Test Window 2	January 24, 2024	March 26, 2024	March 26-29 April 1-5	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, and 12th grade
Late Spring 2024: Test Window 1	February 28, 2024	April 9, 2024	April 9-12 April 15-19	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, and 12th grade
Late Spring 2024: Test Window 2	February 28, 2024	April 23, 2024	April 23-26 April 29-30	\$ 41.50 The ACT (with no writing)	9th grade, 10th grade, and 12th grade

ACT Student Report: The Road Map to Success



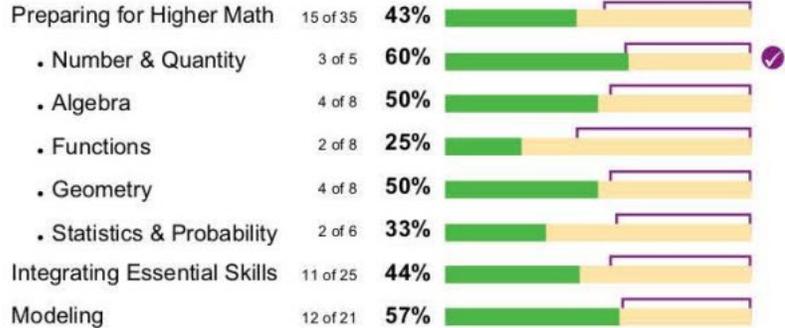
Data In Action: Use the Actual Score to Where Students Rank Compared to the ACT College Readiness Benchmarks

Next Steps: Review Skills for Each Reporting Category

ACT Student Report: The Road Map to Success

Detailed Results

MATH 19



SCIENCE 18



ACT Composite Score: ACT Math, Science, English, and Reading test scores and the Composite score range from 1 to 36. For each test, we converted your number of correct answers into a score within that range. Your Composite score is the average of your scores on the four subjects rounded to the nearest whole number. If you left any test completely blank, that score is reported as two dashes and no Composite score is computed.

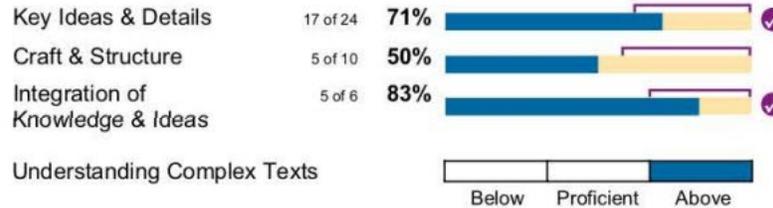
ACT Readiness Range: This range shows where a student who has met the ACT College Readiness Benchmark on this subject test would typically perform.

Share this window

ENGLISH 24

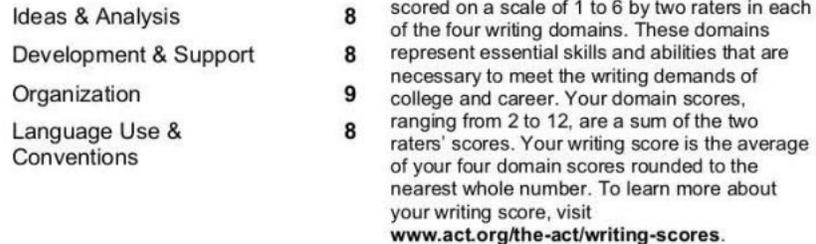


READING 23



Understanding Complex Texts: This indicator lets you know if you are understanding the central meaning of complex texts at a level that is needed to succeed in college courses with high reading demand.

WRITING 8



Dashes (-) indicate information was not provided or could not be calculated.



Data In Action:
Use the Detailed Results to Identify Strengths and Areas Of Opportunity by ACT Subject Area



ACT Student Report: The Road Map to Success

Sending Your Scores

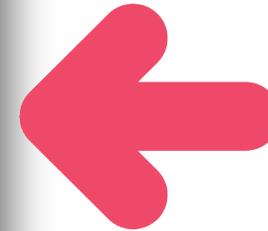
A score report (including your photo) was automatically sent to the high school you reported when registration was completed for the test. Your school will use this information for counseling, evaluating the effectiveness of instruction, and planning changes and improvements in the curriculum.

At your direction, your scores from this test date are also being reported to the colleges shown. (Be aware that when you send a report to a college that is part of a school system, the college may share your score with other colleges in that system.) Institutions use your test scores along with high school grades, academic preparation, future plans, and other factors to help identify applicants who can benefit most from their programs. In addition, colleges can use results on the ACT to assist scholarship/loan agencies in identifying qualified candidates, place students in first-year courses, and help students develop an appropriate program of study.

If you entered a college code incorrectly or forgot to include one, don't worry! You can still send scores to other colleges. Visit www.act.org/the-act/scores to explore student resources or to order additional score reports.

- 1 AUBURN UNIVERSITY
www.auburn.edu
- 2 ADAMS STATE UNIVERSITY
www.adams.edu
- 3 CAPITAL COMMUNITY COLLEGE
www.ccc.commnet.edu
- 4 MITCHELL COLLEGE
www.mitchell.edu

Data In Action: Check Out Where Students are Sending their Scores. This Information will Inform College Exploration and Scholarship Conversations.



Where are your students enrolling after high school? Check out the ACT Graduate Class Reports for more information!

ACT Student Report: The Road Map to Success

Where Are You Going?

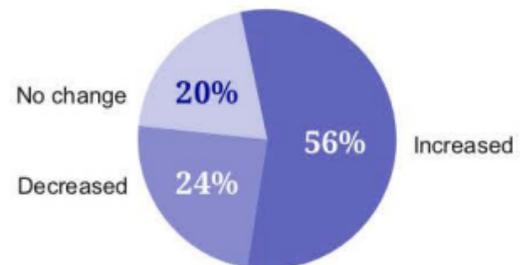
Visit www.act.org/collegeplanning to learn more about yourself and find out about careers, majors, and colleges that may be right for you. It's free!

Retesting with the ACT

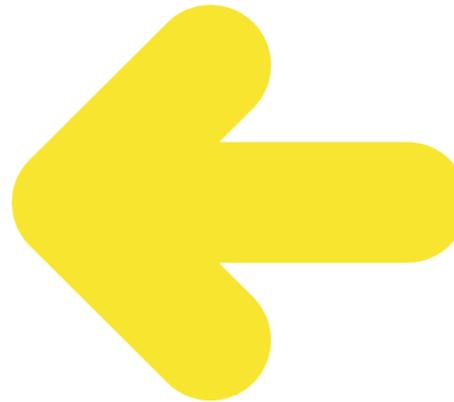
Consider retesting if one or more of the following applies to you:

- Do you feel that your scores should be higher than those received?
- Did you have any problems during the tests, like misunderstanding the directions or feeling ill?
- Have you taken more coursework or an intensive review in the areas covered?
- Do you want to apply to a college that requires or recommends the writing test?

Typical Composite Score on a Retest



Data In Action: Discuss the Option of Retesting. Retesting has Real Value to Increase Scholarship Earning Potential and Placement in College Credit Courses and/or Specialized Programs.



*Is there time to retest?
Are there areas for improvement?*

ACT Student Report: The Road Map to Success

College and Career Planning

Where are you going? Knowing your interests can help you find the kinds of majors and occupations that may be right for you. Occupations differ widely in how much they involve working with four basic work tasks: Data, Ideas, People, and Things. Before you took the ACT, you completed an interest inventory. Your results point to occupations that involve the kinds of basic work tasks you prefer. Visit www.act.org/collegeplanning to learn more.

According to your results, you enjoy working with **People & Data**.

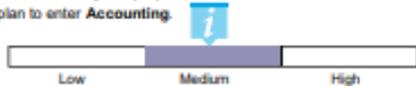
Here are a few examples of occupations involving this kind of work:

- Buyer
- FBI/CIA Agent
- Financial Manager
- Training/Education Manager
- Travel Guide



Interest-Major Fit

Do your interests fit the college major you plan to enter? Based on information you provided, you plan to enter **Accounting**.



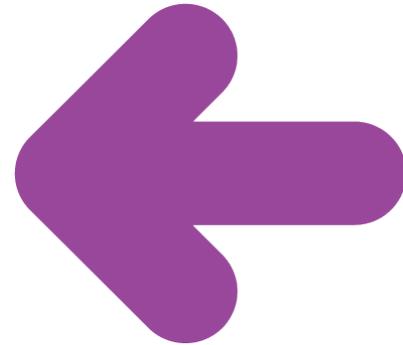
Your interests are fairly similar to the interests of college students in the major you plan to enter. Students in majors that fit their interests are often more satisfied with their major.

Progress Toward the ACT National Career Readiness Certificate®

This indicator provides an estimate of the ACT National Career Readiness Certificate (ACT NCRC®) that students with your ACT Composite score are likely to obtain. The ACT NCRC is an assessment-based credential that documents foundational work skills important for job success across industries and occupations. Visit www.act.org/NCRC indicator to learn more.



Students with your ACT Composite score are likely to obtain a Silver level on the ACT NCRC.



Data In Action: Check Out How Their Interests and Intended Academic Major Align. This Information will Inform College and Career Conversations.

How does the data inform conversations with students and parents?

Resources to Optimize College Readiness

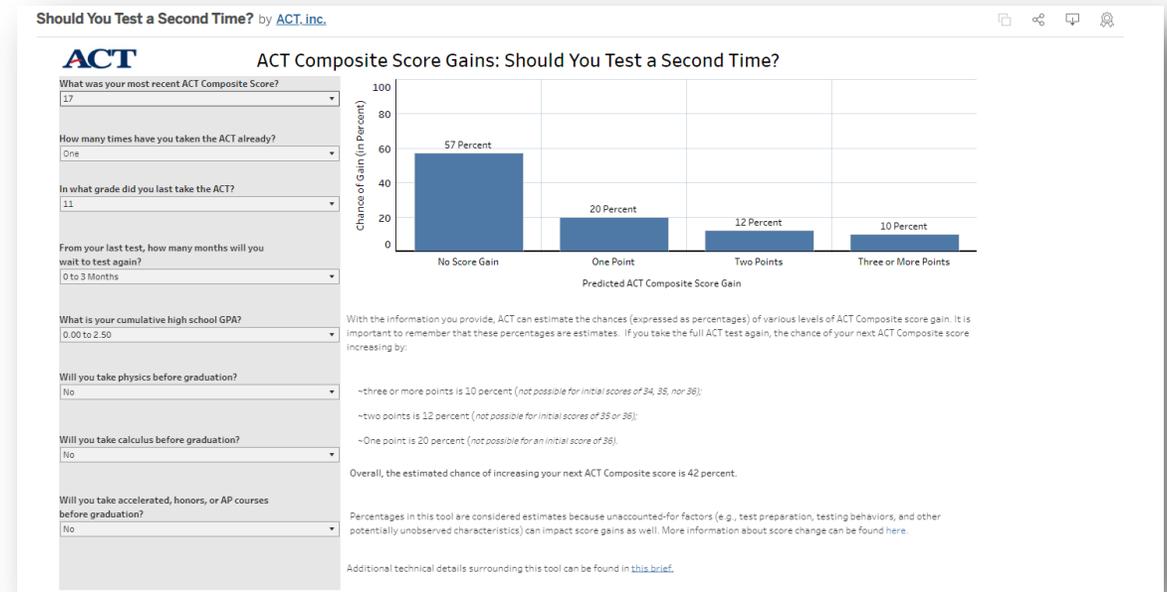
Retesting to Mangle Goals

STUDENT BENEFITS

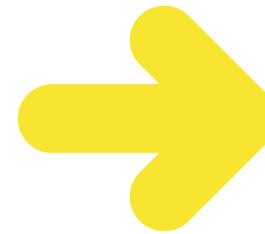
- Increase the Academic Placement Into College-Level Courses for Student
- Increase in the Scholarship Earning Potential of Students

DISTRICT BENEFITS

- Improve access to senior retesting for students from underserved groups
- Increase in postsecondary qualifications
- Increase in motivation for learning



Scan the QR Code to
Access the FREE Tool
for Guidance on
Retesting



Activities to Increase ACT Subject Area Scores

Ideas for Progress

English

To enhance their skills in each English-related strand, students who score in the score ranges below on the ACT® college readiness assessment may benefit from activities that encourage them to do the following:

Mathematics

To enhance their skills in each mathematics-related strand, students who score in the score ranges below on the ACT® college readiness assessment may benefit from activities that encourage them to do the following:

Reading

To enhance their skills in each reading-related strand, students who score in the score ranges below on the ACT® college readiness assessment may benefit from activities that encourage them to do the following:

Science

To enhance their skills in each science-related strand, students who score in the score ranges below on the ACT® college readiness assessment may benefit from activities that encourage them to do the following:

Score Range 1 to 12

Interpretation of Data	<ul style="list-style-type: none">locate and select data in simple data presentationsbecome familiar with different types of graphs (e.g., line graphs, pie charts, bar graphs)identify characteristics and purposes of different types of representations (tables, graphs, diagrams)become familiar with units of measurement commonly used in sciencedevelop a set of guidelines to help a younger audience learn to read and use simple tables and graphsread a science article containing tables and graphs, and explain how the tables or graphs clarify or enhance understanding of the text
Scientific Investigations	<ul style="list-style-type: none">identify common scientific tools and their uses (e.g., thermometers, balances, glassware)read and annotate the key findings of a simple experimentobserve experiments being performed, and discuss what was done and why

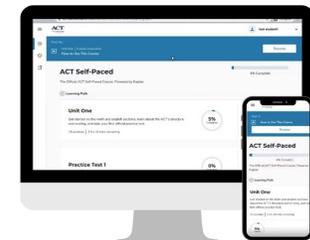
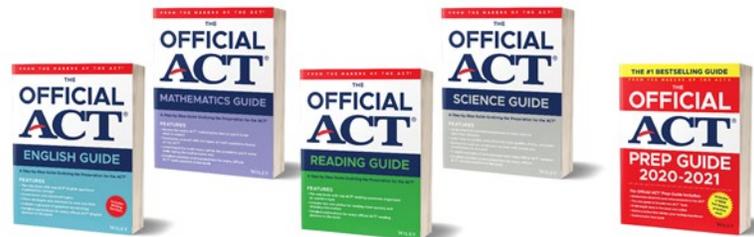
Scan the QR Code to
Access The Ideas for
Progress



Choose the official options!

Official prep. ACT produces the best test prep to match its ACT test.

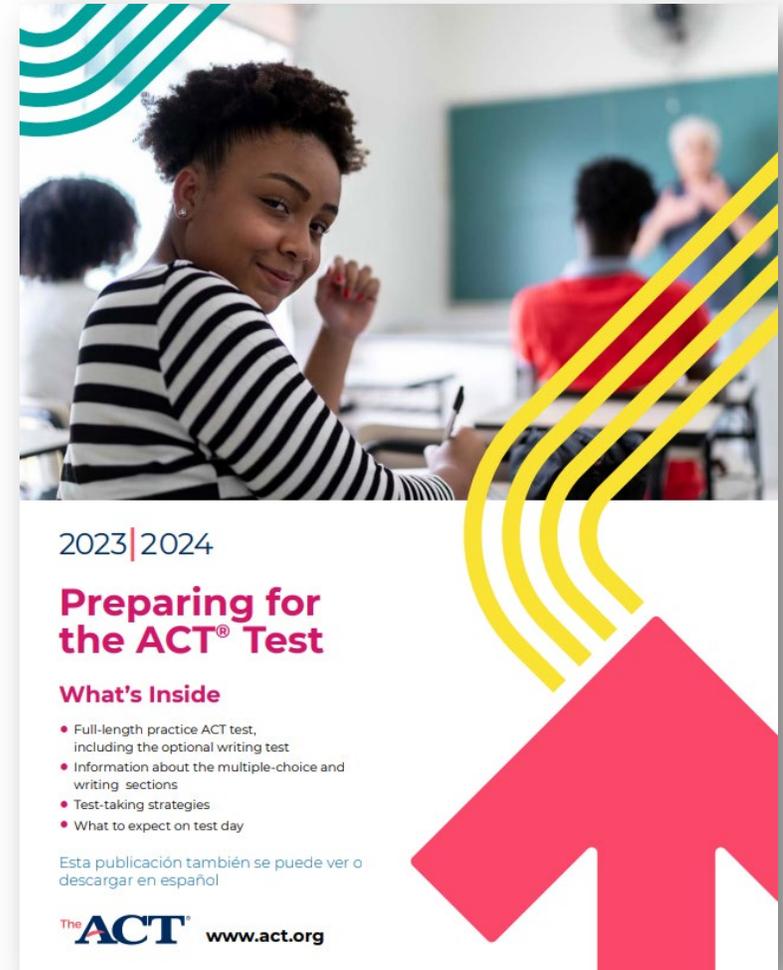
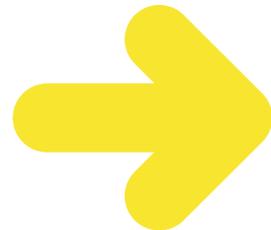
- Only prep material with authentic practice tests
- Offers information to help teachers align their courses with the expectations of the ACT
- Based on ACT College and Career Readiness Standards as well as the ACT test



TEST OPTIMAL: FREE TEST PREP

- Free online practice test in MyACT
- Download the *Preparing for the ACT Test*
 - Helpful Hints
 - Test-Taking Tips
 - One complete practice test

Scan the QR Code to
Get your Copy of the
Preparing for the ACT



Practice Before the ACT: PreACT 8/9 & PreACT

PreACT[®] 8/9

- An 8th/9th grade test aligned to the PreACT and ACT tests
- Multiple-choice paper assessment
- Flexible testing administration dates
- Monitors progress toward college and career readiness
- Predicts performance on the PreACT and the ACT
- Provides an indicator of progress toward career readiness
- \$17/scored assessment when bundled with district testing

PreACT[®]

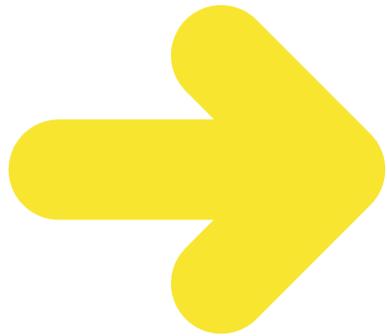
- 10th grade multiple-choice paper assessment
- Shorter in length than the ACT
- Flexible testing administration dates
- Predicts performance on the ACT
- Rapid reporting means earlier and more effective intervention and planning
- Provides an indicator of progress toward career readiness
- \$17/scored assessment when bundled with district testing

ACT Online Prep

ONLINE LEARNING AT THEIR OWN PACE AND TIMING

Your students may learn best working at their own pace online. Applying the same research and expertise used in creating the ACT, ACT® Online Prep is an engaging, interactive test prep program that offers:

- Flexible, personalized learning paths customized to students' needs and test timeframes, so they can review material at the right pace
- Online or mobile app access anytime or anywhere
- The ability to assign coursework in the program for students to complete as part of a test prep class
- Administrator dashboards to track students' progress at an individual and aggregate level, including usage, performance, and areas in which an entire class may need help
- The ACT Online Prep Educator Guide that provides ideas for incorporating ACT Online Prep for students to improve achievement in English, Reading, Mathematics, and Science.



RESOURCES FOR ACT ONLINE PREP

- [ACT Online Prep Order Form](#)
- [AOP Educator Guide](#)

Preparing for Career

ACT WorkKeys Score Reports

ACT® WorkKeys®
Online Reports Portal
User Guide

ACT® WorkKeys®

www.act.org

**ACTION ITEM:
SCAN THE QR CODE TO
ACCESS THE ACT WORKKEY
ONLINE REPORTS USER
GUIDE**



ACT WorkKeys Score Reports



Score Reports Available in Online Reports Portal

This document introduces the reports available in the ACT® WorkKeys® Online Reports Portal feature, which is an application program that interfaces with the Validus™ system. The Online Reports Portal is where various types of examinee score reports may be generated and exported to be saved and printed. It is accessible only to users with the role of **Portal Manager** on their Validus account. For more information on each of these reports, see the **Online Reports Portal Guides** section at the [ACT WorkKeys Administration](#) website.

Note:

- Reports are available in the Reports Portal two business days after scoring takes place.
- To view an example of each of these score reports, select the report name.
- "Group" reports only apply to ACT WorkKeys tests taken online.

Report Name	Test Taken	
	Online	Paper
Data Export Report	Yes	Yes
Individual Score Reports (by Group)	Yes	No
Individual Score Reports (by Examinee)	Yes	Yes
Individual Summary Score Report	Yes	Yes
Summary Score Report	Yes	Yes

Report Name	Test Taken		What It Shows	How You Can Use It
	Online	Paper		
Personal Skills Assessment List Reports • Fit Assessment List Report • Roster Assessment List Report • Talent Assessment List Report	Yes	No	• Reports for all Personal Skills/Soft Skills (Fit and Talent I) • Roster tests with Talent I	• Share with an employer
Roster Score Report	Yes	Yes	• List of examinees and the range of scores <i>Note: For Individual Score Reports, scores cannot be filtered by testing location.</i>	
Individual Score vs. Profile Report	Yes	Yes	• Scores that are compared to ACT WorkKeys test scores	
Group vs. Profile Report	Yes	No	• Scores that are compared to score profiles	
Registered to Test Report	Yes	No	• List of examinees registered to test, by testing location	
Test Usage Report	Yes	Yes	• Count of tests taken by testing location and time period	
Local Scan Instant Score Report	No	Yes	• Examinee scores per page for a specific testing location • Scores for a specific testing location <i>Note: Similar to the Local Scan Report, but scores are broken out by testing location.</i>	

Report Name	Test Taken		What It Shows	How You Can Use It
	Online	Paper		
Invoice Report Paper Based Testing	No	Yes	• This report includes the candidate and test detail for only the paper-based tests that comprise the invoice. The report contains a row for each candidate's test along with the additional detail of that test.	• Exports as a PDF or Excel document. Provides the paper-based tests that are included in the invoice for which the report was run.
Certificate Data Export	Yes	Yes	• Career Readiness certificate details along with the ACT WorkKeys test scores that qualify the candidate for the specific certificate level for the selected agency and/or testing location	• Import certificate data into another system for analysis or archiving
Test Data Export	Yes	Yes	• ACT WorkKeys test scores, including a row for each test taken at the selected Testing Location for the selected time period	• Import test scores into another system for analysis or archiving
Certificates by Certificate ID	Yes	Yes	• ACT Career Readiness Certificate, including the certificate level achieved and the ACT WorkKeys test scores that qualify the candidate for the specific certificate level, for a given candidate ID	• Output is a single Career Readiness Certificate in PDF format for a given certificate ID (if the candidate qualified for an NCRC).
Certificates by Testing Location	Yes	Yes	• ACT Career Readiness Certificates for the selected Testing Location and time period, including the certificate level achieved and the ACT WorkKeys test scores that qualify the candidate for the specific certificate level	• Output is Career Readiness Certificates in PDF format for all examinees who tested at a given testing location (for candidates who qualified for an NCRC).
Certificate Count by Testing Location	Yes	Yes	• ACT Career Readiness Certificate counts for the selected testing location and time period, including the certificate counts broken out by certificate type and level.	• Exports as a PDF or Excel document. Provides a count of certificates earned for the specified testing location and time period.
Qualification Letter by Certificate ID	Yes	Yes	• ACT WorkKeys Qualification Letter, including the certificate level achieved and the log in information for the candidate.	• Output is a single Qualification Letter in PDF format for a given certificate ID (if the candidate qualified for an NCRC). • Print and give to the candidate so they know what certificate level they have earned and how to access MyWorkKeys.
Qualification Letter by Testing Location	Yes	Yes	• ACT WorkKeys Qualification Letters for the selected testing location and time period, including the certificate level achieved and the ACT WorkKeys test scores that qualify the candidate for the specific certificate level.	• Output is a set of Qualification Letters in PDF format for the selected testing location and time period (for candidates who qualified for an NCRC). • Print and give to the candidates so they know what certificate level they have earned and how to access MyWorkKeys.

Do your students need to increase a score level to earn a higher NCRC? Ask me about retesting for ACT WorkKeys!

ACT WorkKeys: Individual Summary Score Report

Scan the QR Code to
Access Additional
Information on Using
WorkKeys Scores



Individual Summary Score Report Page 1 of 1

ACT WorkKeys Skill Report

Examinee: TEST05,Alot Examinee ID**: 1724
Realm: NCRC 2.0 E2E Test Realm Report Date: Sep 1, 2017

Manifest Name	Test Date	Level Score	Possible Range	Scale Score	Possible Range
WorkKeys Applied Math	7/13/2017	6	<3 - 7	90	65 - 90
WorkKeys Graphic Literacy	7/13/2017	7	<3 - 7	90	65 - 90
WorkKeys Workplace Documents	7/13/2017	7	<3 - 7	90	65 - 90

WHAT YOUR SCORES MEAN

WorkKeys Applied Math:
You scored at Level 6. People who score at Level 6 have demonstrated all of the Levels 3, 4, and 5 skills. They also have demonstrated the ability to:

- Use fractions with unlike denominators and calculate reverse percentages.
- Convert units within or between systems of measurement (e.g., time, measurement, and quantity) where multiple-step conversions are required and the formulas are provided, such as converting from kilometers to meters to feet.
- Identify why a mistake occurred in a solution.
- Find the best deal from a group of solutions and then use the result for another calculation.
- Find the area of basic shapes when it may be necessary to rearrange a formula, convert units of measurement in the calculations, or use the result in further calculations.
- Calculate the volume of rectangular solids (e.g., cubes).
- Calculate rates, production rates, rate by time (such as, production rate is 59 cups produced per hour, how many will be produced in an 8-hour shift).
- Identify the correct equation for solving a problem.

WorkKeys Graphic Literacy:
You scored at Level 7. People achieving this level can understand and interpret complex workplace graphics, such as very difficult charts and graphs, and detailed tables, forms, maps, and diagrams. They can apply information from these types of graphics and draw conclusions or make decisions about new situations based on information contained in the graphics.
Your skills in Locating Information using workplace graphics are at least as high as this test measures. Congratulations on your fine performance! We encourage you to use and expand upon your considerable skills in this area by seeking out and learning from graphics in a wide variety of formats.

WorkKeys Workplace Documents:
You scored at Level 7. People achieving this level can apply concepts from densely detailed passages, such as excerpts from complex regulatory and legal documents, to new situations. They can understand difficult concepts and complicated procedures containing jargon and technical terms whose definitions must be derived from context.
Your Reading for Information skills are at least as high as this test measures. Congratulations on your fine performance! We encourage you to use and expand upon your considerable skills in this area by continuing to read and learn from a wide variety of challenging reading materials.

© 2017 ACT, Inc. All rights reserved. RE74001.OPS2517 **ID field is abbreviated to last four digits

ACT WorkKeys: Individual Summary Score Report

Individual Summary Score Report

Page 1 of 1



Examinee: TEST05,Alot
Realm: NCRC 2.0 E2E Test Realm

Examinee ID**: 1724
Report Date: Sep 1, 2017

Manifest Name	Test Date	Level Score	Possible Range	Scale Score	Possible Range
WorkKeys Applied Math	7/13/2017	6	<3 - 7	90	65 - 90
WorkKeys Graphic Literacy	7/13/2017	7	<3 - 7	90	65 - 90
WorkKeys Workplace Documents	7/13/2017	7	<3 - 7	90	65 - 90



MANIFEST NAME is the name of the ACT WorkKeys test you took.



LEVEL SCORE is the score you earned on the test.



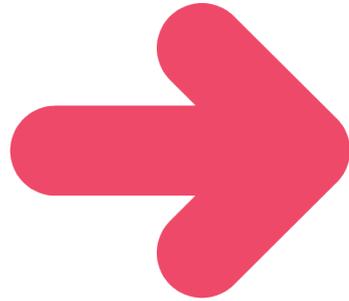
SCALE SCORE is mainly used for training purposes to track growth.



POSSIBLE RANGE shows the lowest and highest possible Level and Scale Score for an assessment.

ACT WorkKeys: Individual Summary Score Report

**WHAT YOUR SCORE
MEANS** gives the student
information about the
skills you demonstrated
on this test.



WHAT YOUR SCORES MEAN

WorkKeys Applied Math:

You scored at Level 6. People who score at Level 6 have demonstrated all of the Levels 3, 4, and 5 skills. They also have demonstrated the ability to:

- Use fractions with unlike denominators and calculate reverse percentages.
- Convert units within or between systems of measurement (e.g., time, measurement, and quantity) where multiple-step conversions are required and the formulas are provided, such as converting from kilometers to meters to feet.
- Identify why a mistake occurred in a solution.
- Find the best deal from a group of solutions and then use the result for another calculation.
- Find the area of basic shapes when it may be necessary to rearrange a formula, convert units of measurement in the calculations, or use the result in further calculations.
- Calculate the volume of rectangular solids (e.g., cubes).
- Calculate rates, production rates, rate by time (such as, production rate is 59 cups produced per hour, how many will be produced in an 8-hour shift).
- Identify the correct equation for solving a problem.

WorkKeys Graphic Literacy:

You scored at Level 7. People achieving this level can understand and interpret complex workplace graphics, such as very difficult charts and graphs, and detailed tables, forms, maps, and diagrams. They can apply information from these types of graphics and draw conclusions or make decisions about new situations based on information contained in the graphics.

Your skills in Locating Information using workplace graphics are at least as high as this test measures.

Congratulations on your fine performance! We encourage you to use and expand upon your considerable skills in this area by seeking out and learning from graphics in a wide variety of formats.

WorkKeys Workplace Documents:

You scored at Level 7. People achieving this level can apply concepts from densely detailed passages, such as excerpts from complex regulatory and legal documents, to new situations. They can understand difficult concepts and complicated procedures containing jargon and technical terms whose definitions must be derived from context.

Your Reading for Information skills are at least as high as this test measures. Congratulations on your fine performance! We encourage you to use and expand upon your considerable skills in this area by continuing to read and learn from a wide variety of challenging reading materials.

My WorkKeys

ACT National Career Readiness Certificate **ACT**

MyWorkKeys Home **Login**

Login to Access your pre-created account

User ID:

Password:

Certificate Holders Please Note: If you received your User ID and Password, an account has already been created for you. To view and share your Certificate details, you must use this information to login to your account.

If you did not receive login information, you may need to [create a new account](#).

[Forgot your User ID or Password?](#)

[Did not receive registration email?](#)

More Questions?
Follow the [Access Pre-created Accounts](#) or [Create New Account](#) Quick Start Guide or call 1-800-967-5539

[Additional Information](#) | [Contact Us](#) | [Privacy Policy](#)

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Student portal for
all things ACT
WorkKeys!

More Than A Score: Using NCRC Levels for Career Exploration

Occupational Profile Search
(The occupational profiles represent local job profiles combined by O*NET number.)

Job Title / Code:

Career Cluster: Science, Technology, Engineering & Mathematics

Job Description:

Search by Your Skill Levels

Search Results (78)

O*Net Code	Title	Career Cluster	Special
11-9041.00	Architectural and Engineering Managers	Science, Technology, Engineering & Mathematics	
11-9041.01	Biofuels/Biodiesel Technology and Product Development Managers	Science, Technology, Engineering & Mathematics	
15-1221.00	Computer and Information Research Scientists	Science, Technology, Engineering & Mathematics	●
15-2021.00	Mathematicians	Science, Technology, Engineering & Mathematics	
15-2041.00	Statisticians	Science, Technology, Engineering & Mathematics	●
15-2041.01	Biostatisticians	Science, Technology, Engineering & Mathematics	●
15-2051.00	Data Scientists	Science, Technology, Engineering & Mathematics	●
15-2051.02	Clinical Data Managers	Science, Technology, Engineering & Mathematics	●
15-2099.00	Mathematical Science Occupations, All Other	Science, Technology, Engineering & Mathematics	●
17-1021.00	Cartographers and Photogrammetrists	Science, Technology, Engineering & Mathematics	
17-2011.00	Aerospace Engineers	Science, Technology, Engineering & Mathematics	
17-2041.00	Chemical Engineers	Science, Technology, Engineering & Mathematics	

Computer and Information Research Scientists

15-1221.00

- Bright Outlook
- Open O*Net Summary Page
- O*Net Wages & Employment Trends

Career Cluster
Science, Technology, Engineering & Mathematics

O*Net Description
Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.

ACT WorkKeys Skill Profile

Skill Area	Median Skill Level	Minimum Skill Level	Maximum Skill Level
Applied Math	7	6	7
Workplace Documents	5	5	5
Graphic Literacy	4	4	5
Applied Technology			
Business Writing	4	3	4
Workplace Observation	5	5	5

Tasks:

Analyze problems to develop solutions involving computer hardware and software.

Apply theoretical expertise and innovation to create or apply new technology, such as adapting principles for applying computers to new uses.

Assign or schedule tasks to meet work priorities and goals.

Meet with managers, vendors, and others to solicit cooperation and resolve problems.

Design computers and the software that runs them.

Conduct logical analyses of business, scientific, engineering, and other technical problems, formulating mathematical models of problems for solution by computers.

Evaluate project plans and proposals to assess feasibility issues.

Participate in multidisciplinary projects in areas such as virtual reality, human-computer interaction, or robotics.

Consult with users, management, vendors, and technicians to determine computing needs and system requirements.

Develop and interpret organizational goals, policies, and procedures.

Develop performance standards, and evaluate work in light of established standards.

Maintain network hardware and software, direct network security measures, and monitor networks to ensure availability to system users.

Direct daily operations of departments, coordinating project activities with other departments.

Participate in staffing decisions and direct training of subordinates.

Approve, prepare, monitor, and adjust operational budgets.



More Than A Score: Use the [Occupational Profile Search](#) to Explore Careers and Review the ACT WorkKeys Profiles for the Careers

Arkansas and ACT WorkKeys: Retesting Has Value!

• Did You Know Students Can Retake the ACT WorkKeys NCRC Assessments?

Retaking a section(s) of the ACT WorkKeys can lead to students earning a higher NCRC credential



23-24 ACT WorkKeys NCRC Assessment Pricing

NCRC Assessment	Paper and Pencil	Online
Applied Math	\$13.50	\$13.00
Graphic Literacy	\$13.50	\$13.00
Workplace Documents	\$13.50	\$13.00

Why Retest?

Retesting for ACT WorkKeys is just like retesting for the ACT, it's always best to put your best foot forward when preparing for future job opportunities!

Earn College Credit **Increase Your Future Earnings** **Demonstrate Your Skills**



Contact Now

870.476.0153 ashley.buchman@act.org www.act.org

ACE Credit Recommendations for WorkKeys NCRC

Doing well on the assessments could mean college credit for students!



ACT Award College Credit
FOR THE
ACT® WorkKeys® National Career Readiness Certificate®

Students **MUST** possess the workplace skills employers need. Postsecondary institutions can award college credit to students who demonstrate the 21st-century skills needed for success, using a nationally recognized credential that measures foundational, work-ready skills.

→ **A Nationally Recognized Credential**

The ACT® WorkKeys® National Career Readiness Certificate® (NCRC®) is an evidence-based credential demonstrating the essential problem-solving and critical thinking skills needed for workplace success. More than 5 million WorkKeys NCRCs have been awarded at four levels:



→ **ACE Credit**

In 2022, the **American Council on Education (ACE)** recommended that colleges and universities in the lower-divisional baccalaureate/associate degree category, award 3 semester hours in Technical Mathematics and Introduction to Information Literacy (6 semester hours total) to students who earn a Platinum NCRC, and 2 semester hours in each (4 semester hours total) to students who earn a Gold NCRC; in the vocational category, award 1 semester hour in Technical Mathematics and Introduction to Information Literacy (2 semester hours total) to students who earn a Silver NCRC.

Silver NCRC Recipients toward technical certification or technical degree	AND	Gold or Platinum NCRC Recipients toward associate's or bachelor's degrees
---	------------	---

Why technical mathematics and information literacy? Let's define them:

Technical Mathematics Introductory level topics including measurement, algebra, geometry, trigonometry, graphs, and finance with an emphasis on application.	Introduction to Information Literacy Locating, evaluating, and communicating information effectively to achieve goals.
--	--

NOTE: Both of these skills are interdisciplinary subjects, taught across curricula. Each institution should determine how best to implement technical mathematics and information literacy in their curricular offerings and how to award the credit achieved through a high-level WorkKeys NCRC.

→ **A Nationally Recognized Credential**

Skills demonstrated by receiving higher-level WorkKeys NCRCs include:

 Solving technical problems	 Identifying data trends	 Inferring word meaning from context
 Applying instructions to new situations	 Identifying implied details	 Sorting through materials to find critical information


Making decisions based on detailed information

All of these abilities are contained within the definitions of **technical mathematics** and **information literacy**.

In 2007, the Association of American Colleges and Universities identified these two skills as **essential** postsecondary learning outcomes and **necessary skills** for the 21st-century economy.

→ **Conclusions**

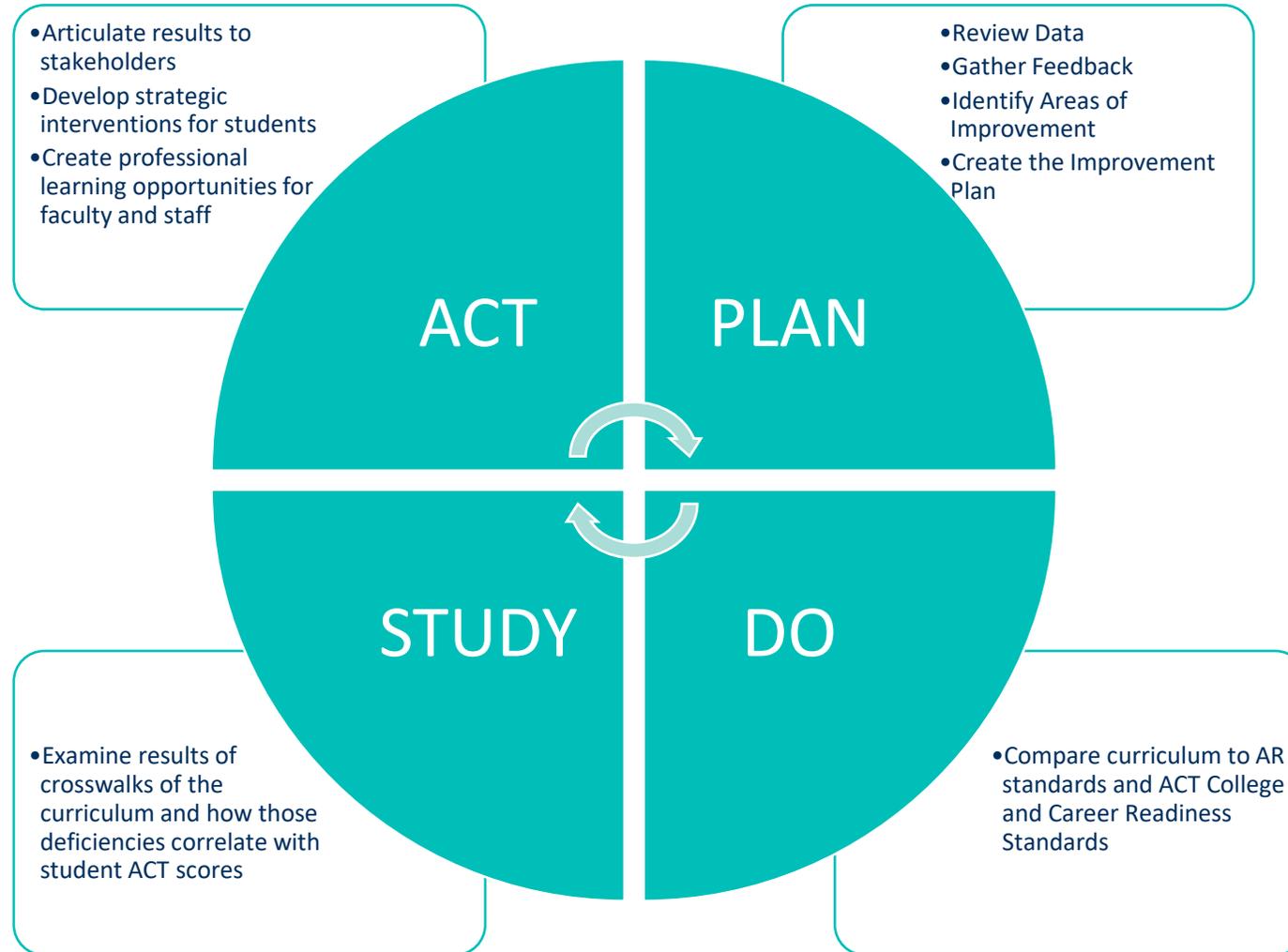
- Institutions **must** produce graduates with skills that employers want, as measured by the WorkKeys NCRC.
- Credits awarded for WorkKeys NCRC attainment should align with an institution's mission, curricular offerings, and student learning goals.
- At-risk students would stand to benefit from a skills-based educational system.
- Awarding college credit for attaining a WorkKeys NCRC sends a positive message to students, offers faster progress to postsecondary degrees and credentials, and builds confidence.

FIND OUT MORE
Download [WK-Brief-NCRC-for-Credit](#) to see an ACT report on awarding college credit for credential attainment.

ACT
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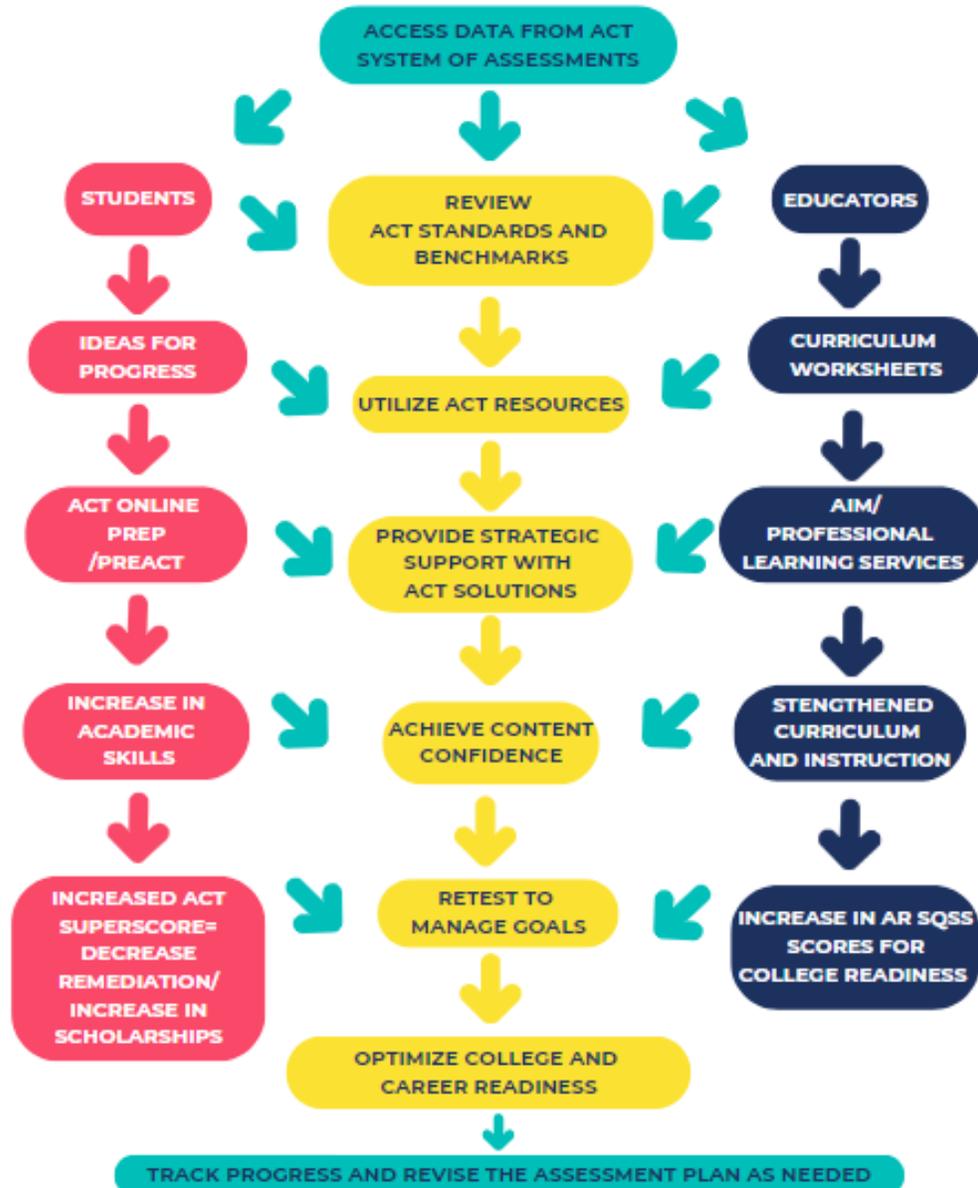
Putting It All Together

Create the Plan for Improving Student Success and College Readiness

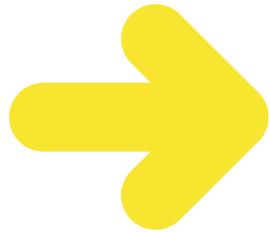




USING DATA TO INCREASE COLLEGE AND CAREER READINESS



Access Data from ACT System of Assessments



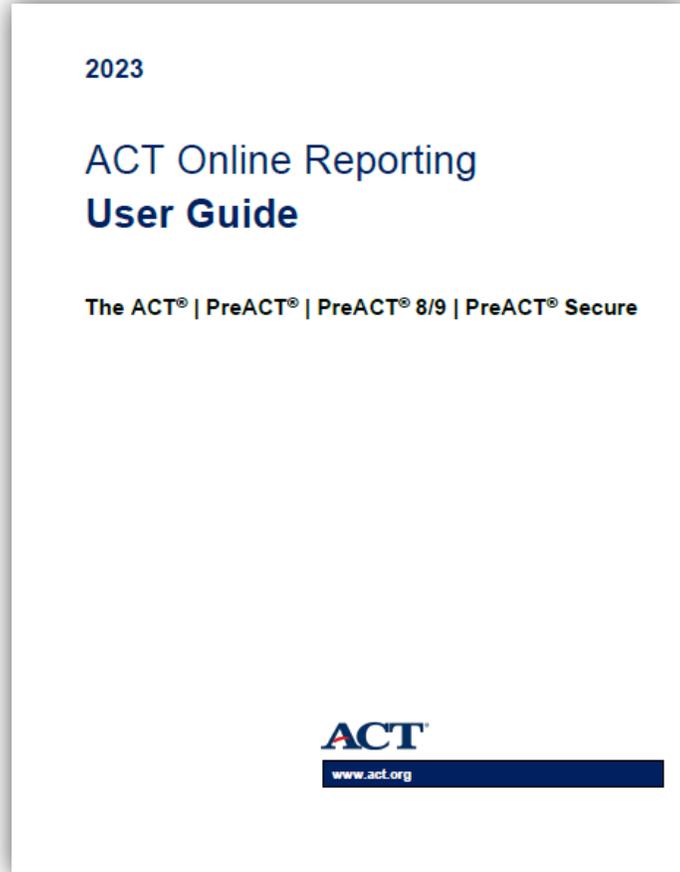
ACTION ITEM:
Log Into
success.act.org

The screenshot displays the ACT Knowledge Hub website interface. At the top, there is a navigation bar with the ACT logo, a search bar, and links for 'Cases', 'Organizations', and 'Knowledge Hub'. Below the navigation bar, there are three main sections: 'Sign In', 'Welcome to Success!', and 'Resources'. The 'Sign In' section includes a 'Sign In or Create Account' link, an email input field, a password input field, and a 'Sign In' button. The 'Welcome to Success!' section provides a brief overview of the Success community and offers links to 'Online Reporting', 'Test Accessibility and Accommodations', and 'PearsonAccess™'. The 'Resources' section features a grid of icons for various services, including 'The ACT', 'Online Reporting', 'Access Supports', 'PreACT & PreACT B/9', 'ACT Test Prep', 'Global Assessment Certification', 'Materials by ACT Social Emotional Learning Solution', 'Workforce US', 'ACT Aspire', and 'ACT Professional Services'. On the right side of the page, there are three columns: 'Sources', 'Helpful Tools', and 'Important Updates'. The 'Helpful Tools' column includes links for 'ACT Test Scores and Reports', 'PearsonAccess™', 'Test Accessibility and Accommodations', 'Materials Ordering', and 'Manage My Access'. The 'Important Updates' column contains two announcements: one about the next ACT test date (June 16th) and late registration deadline (June 23rd), and another about a customer survey.



ACTION ITEM:
Access ACT Test Scores
and Reports

ACT Online Reporting User Guide



Scan the QR Code to Access the ACT
Online Reporting
User Guide



Let's Explore ACT College Readiness Standards and Reporting Categories!

Purpose:

- Review scores by ACT Subject Areas and Reporting Categories

Goal:

- Identify Areas of Skill Mastery and Opportunities for Improvement

Outcome:

- Utilize the data to identify target student populations in need of strategic interventions to increase college and career readiness



Let's Explore College Readiness Standards by ACT Subject Areas!

- Utilize the College and Career Readiness Data and Explore Academic Achievement by Reporting Category
 - Note: All ACT and State Contract data are available

ACT Online Reporting by Data Interaction

Last Name

Help Recent DS

Program: The ACT State Contract

Roster Summary Data Tools Contract Reports Download Hub

- My Summary Results (Building)
Summary View
- English Readiness (Building)
English Reporting Categories
- Math Readiness (Building)
Math Reporting Categories
- Reading Readiness (Building)
Reading Reporting Categories
- Science Readiness (Building)
Science Reporting Categories
- College & Career Readiness (Building)
College and Career Readiness Standards Score Range
- Score Distribution Quartiles (Building)
ACT Score Quartile Values
- Distribution of Planned Educational Majors for All Students by College Plans (Building)
Student Identified Planned Majors

Let's Explore College Readiness Standards by ACT Subject Areas!

ACT Online Reporting by Data Interaction

Help Recent DS

College and Career Readiness Standards Score Ranges: The ACT (All Data), Silverpine High School, 2021-2022

Showing students who are College Reportable

Options Save Download

Student Group	CCRS Range	Year	English	Math	Reading	Science
			%	%	%	%
Silverpine High School	33 to 36	2021-2022	15	7	17	7
Silverpine High School	28 to 32	2021-2022	14	15	24	19
Silverpine High School	24 to 27	2021-2022	25	31	15	25
Silverpine High School	20 to 23	2021-2022	24	15	26	29
Silverpine High School	16 to 19	2021-2022	11	24	10	15
Silverpine High School	13 to 15	2021-2022	7	8	6	3
Silverpine High School	01 to 12	2021-2022	3	0	3	2

Let's Explore the ACT Reporting Categories!

- Summary Tab
 - Select the Year, Term, and Organization you wish to view
 - Click Get Report

The screenshot displays the ACT Online Reporting by Data Interaction interface. At the top, there is a search bar for 'Last Name' with a placeholder 'Please enter at least 4 characters' and a magnifying glass icon. To the right, there are links for 'Help' and 'DS'. Below the search bar, the 'Program' is set to 'The ACT (All Data)'. A navigation menu includes 'Roster', 'Summary' (which is selected), 'Data Tools', and 'Download Hub'. A dark blue button labeled 'My Summary Results (Building)' with a sub-link 'Summary View' is prominent. Below this, the 'Year' selection shows '2021-2022' as the active choice among other options. The 'Organization' section shows '1 selected (clear)' and a search box 'Search within Westfall District'. A list of organizations is displayed, including 'Stormshire State Organization', 'Westfall District', and 'Silverpine High School' (which is selected). At the bottom right, there are 'Cancel' and 'Get Report' buttons.

Let's Explore the Reporting Categories!

- Instructions: Pick an ACT Subject Area (i.e., English, Math, Reading, or Science)
- Go through the previous steps to locate the Superscores for the selected ACT Subject Area
 - Be sure to reset the subjects on the Superscores to select only one subject and select all the reporting categories.

The screenshot shows the 'Filter' dialog box in the ACT reporting interface. The 'Subjects - Superscores' section is expanded, and the 'Math' subject is selected. The 'Met Readiness - Math' section is also expanded, showing various reporting categories like 'Preparing for Higher Math', 'Number & Quantity', 'Algebra', 'Functions', 'Geometry', 'Statistics & Probability', 'Integrating Essential Skills', and 'Modeling'. The 'Update' button is visible at the bottom right.

	Valid Number	Mean Score	Met Benchmark	Not Met Benchmark	CCRS Range
Composite	✓	✓			-
Math	-	✓			
Science	-	✓			
STEM	-	✓			-
English	-	✓			
Reading	-	✓			
Writing		✓	-	-	-
ELA	-	✓			-

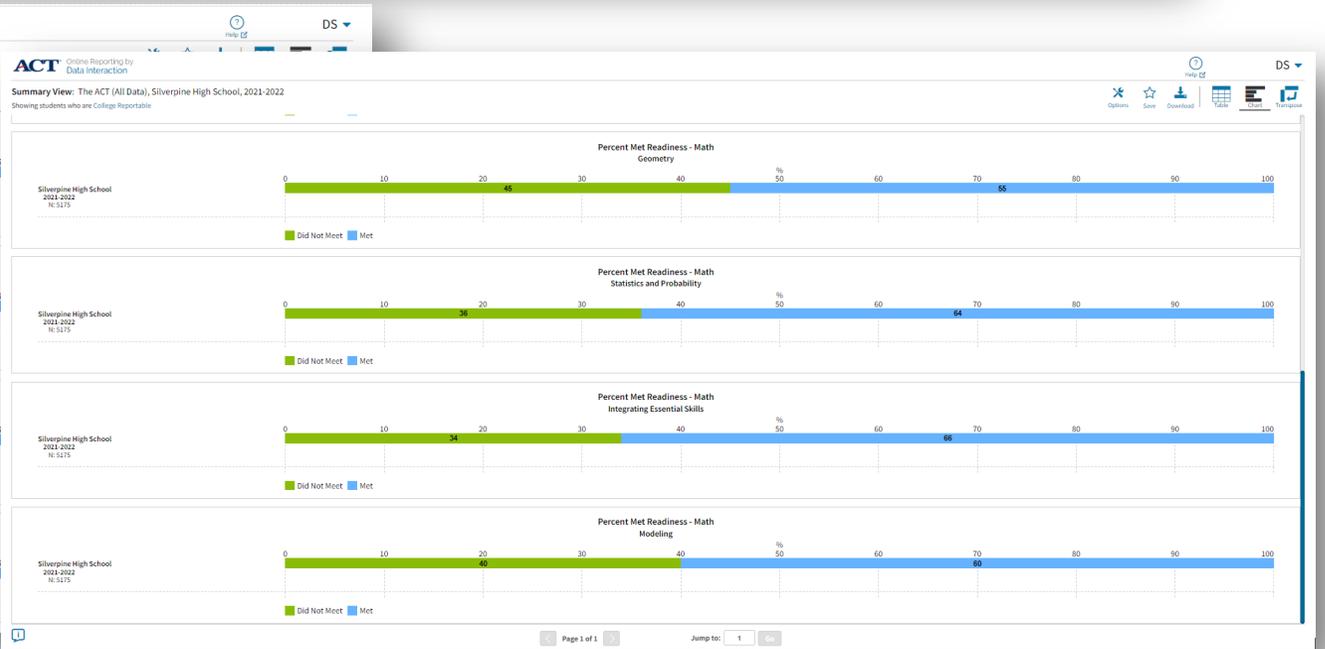
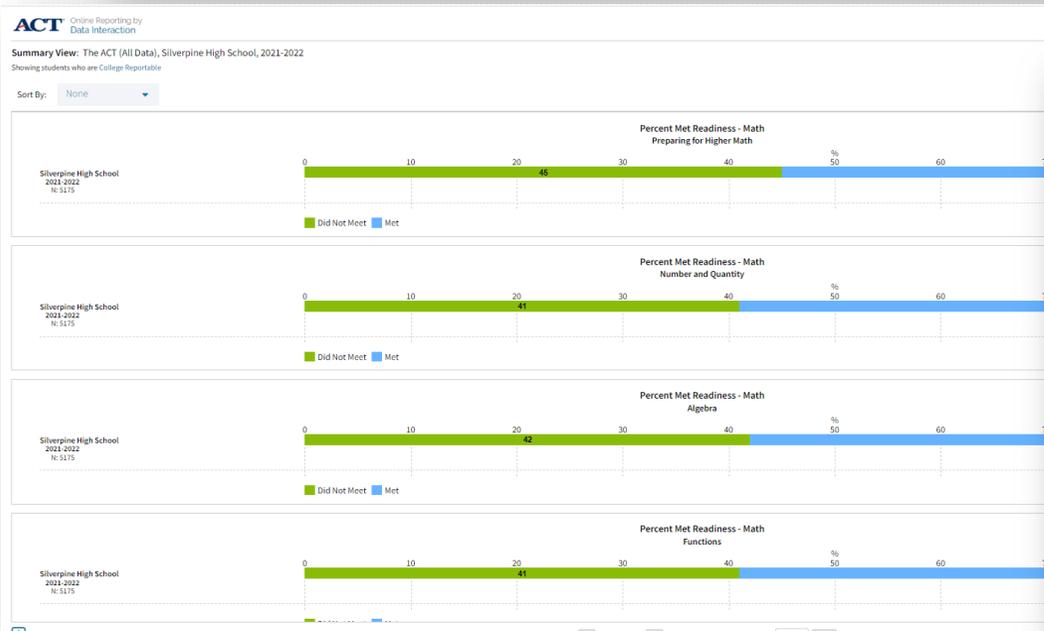
Let's Explore the Reporting Categories!

ACT Online Reporting by Data Interaction

Summary View: The ACT (All Data), Silverpine High School, 2021-2022
Showing students who are College Reportable

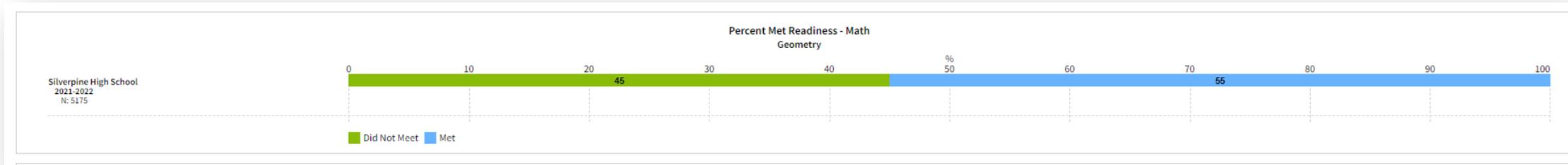
Options Save Download Table Chart Transpose

Group	Year	Math															
		Preparing for Higher Math-Readiness		Number and Quantity-Readiness		Algebra-Readiness		Functions-Readiness		Geometry-Readiness		Statistics and Probability-Readiness		Integrating Essential Skills-Readiness		Modeling-Readiness	
		% Met	% Not Met	% Met	% Not Met	% Met	% Not Met	% Met	% Not Met	% Met	% Not Met	% Met	% Not Met	% Met	% Not Met	% Met	% Not Met
Silverpine High School	2021-2022	55	45	59	41	58	42	59	41	55	45	64	36	66	34	60	40



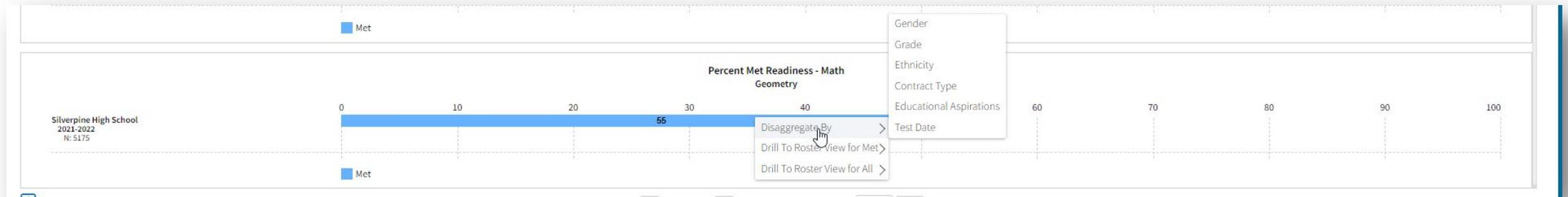
Let's Explore the Reporting Categories!

- Why are students not making it in _____ area?
 - Example: Why do we only have 55% of students who met readiness in Geometry?



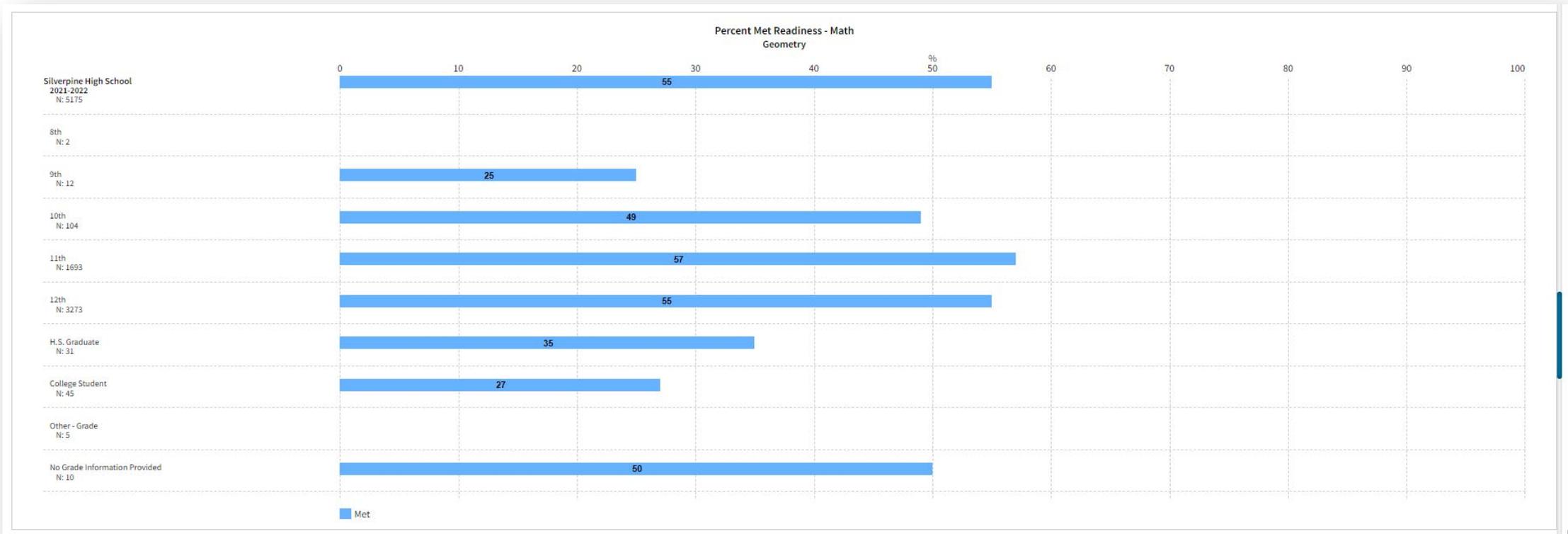
Let's Explore the Reporting Categories!

- Let's Dig In Further and Disaggregate the Data



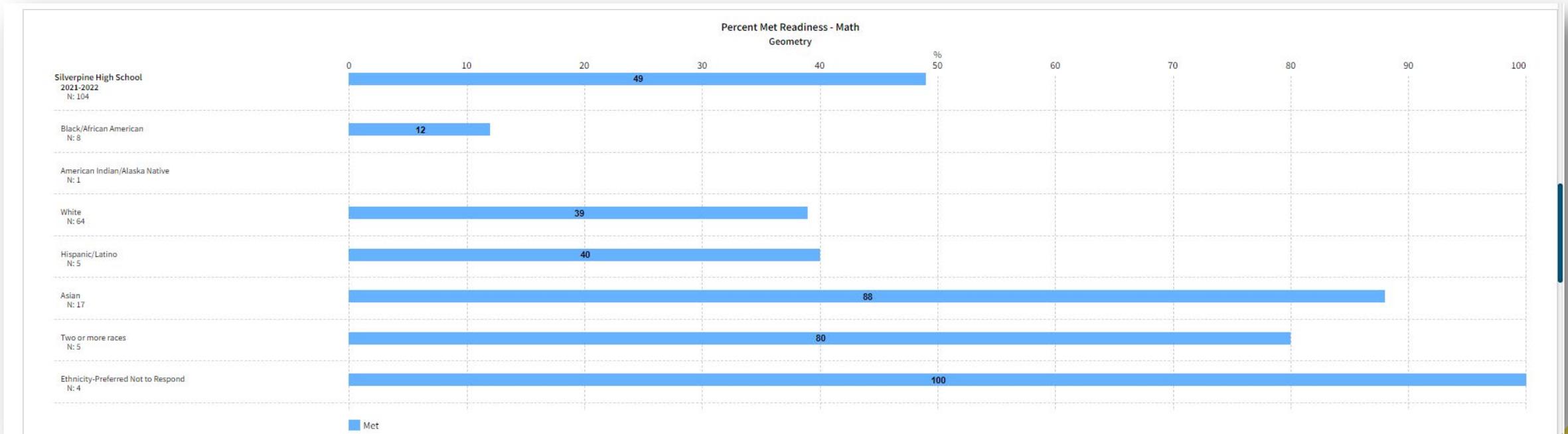
Let's Explore the Reporting Categories!

- Disaggregate the Data
 - Grade



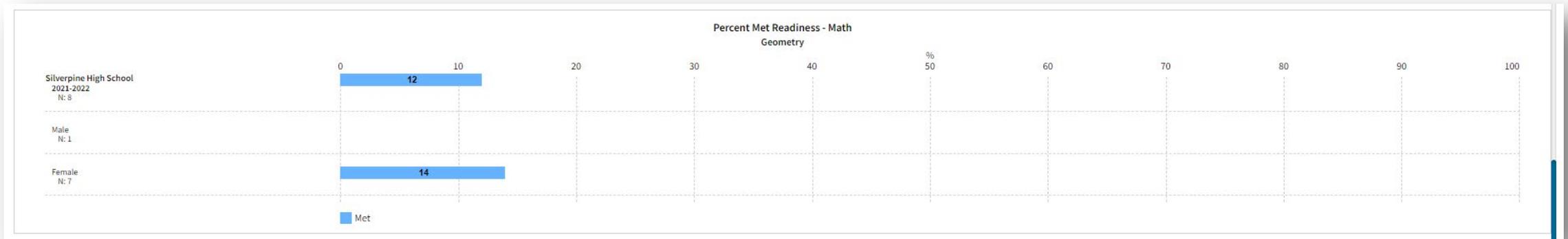
Let's Explore the Reporting Categories!

- Disaggregate the Data
 - Students who are 10th grade broken down by Ethnicity



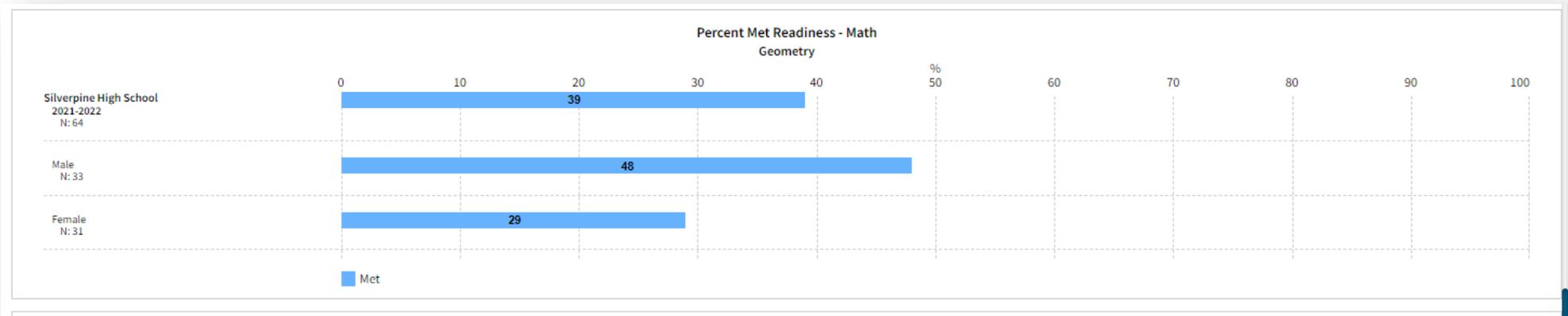
Let's Explore the Reporting Categories!

- Disaggregate the Data
 - Students who are in 10th grade and who are Black/African American



Let's Explore the Reporting Categories!

- Disaggregate the Data
 - Students who are in 10th grade and who are White



Let's Explore ACT College Readiness Standards and Reporting Categories!

Add the data and follow-up notes to the Planning Worksheet!

ACT ACT Data Planning Worksheet
 Instructions: Pull the ACT College Readiness Standards Score Ranges and Reporting Category Scores. Review the scores to identify areas of Skill Mastery and Opportunities for Improvement.

Activity: College and Career Readiness Standards Score Ranges				
Academic Year:				
CCRS	English %	Math %	Reading %	Science %
33 to 36				
28 to 32				
24 to 27				
20 to 23				
16 to 19				
13 to 15				
01 to 12				

Activity: ACT Reporting Categories			
Academic Year:			
ACT Subject Area/Reporting Category	Number of Items	Percentage of the test	Overall Percent Met Readiness
MATH			
60			
<i>Preparing for Higher Math</i>			
57- 60%			
<i>Number and Quantity</i>			
7- 10%			
<i>Algebra</i>			
12- 15%			
<i>Functions</i>			
12- 15%			
<i>Geometry</i>			
12- 15%			
<i>Statistics and Probability</i>			
8- 12%			
<i>Integrating Essential Skills</i>			
40- 43%			
<i>Modeling</i>			
40			
READING			
40			
<i>Key Ideas and Details</i>			
55- 60%			
<i>Craft and Structure</i>			
25- 30%			
<i>Integration of Knowledge and Ideas</i>			
13- 18%			
SCIENCE			
40			
<i>Interpretation of Data</i>			
45- 55%			
<i>Scientific Investigation</i>			
20- 30%			
<i>Evaluation of Models, Inferences, and Experimental Results</i>			
25- 35%			
ENGLISH			
75			
<i>Production of Writing</i>			
29- 32%			
<i>Knowledge of Language</i>			
13- 19%			
<i>Conventions of Standard English</i>			
51- 56%			

Activity: CCRS Score Ranges and Reporting Categories (Follow-Up)	
Strengths	
Opportunities for Improvement	
Aha Moments!	
Notes	

Be Ready to Share Aha Moments!

Taking Action on the Data!

Review ACT College and Career Readiness Standards for Reading

Scan the QR Code to Access The ACT College and Career Readiness Reading Standards

ACT College & Career Readiness Standards

▶ **READING**

These Standards describe what students on the reading section of the ACT® can know and be able to do.

ACT

ACT College & Career Readiness Standards

▶ **READING**

SCORE RANGE	Key ideas and details
13-15	<p>CLR 201. Locate basic facts and details in a passage</p> <p>CLR 202. Draw simple logical inferences in somewhat challenging passages</p>
16-19	<p>CLR 301. Locate simple details in somewhat challenging passages</p> <p>CLR 302. Draw simple logical inferences in passages</p>
20-23	<p>CLR 401. Locate important details in passages</p> <p>CLR 402. Draw logical inferences in challenging passages</p> <p>CLR 403. Draw simple logical inferences in passages</p> <p>CLR 404. Paraphrase some details in challenging passages</p>

SCORE RANGE	Craft and structure
13-15	<p>WME 201. Understand the implication of a familiar word or phrase and of simple descriptive language</p>
16-19	<p>WME 301. Analyze how the choice of a specific word or phrase shapes meaning or tone in somewhat challenging passages when the effect is simple</p> <p>WME 302. Interpret basic figurative language as it is used in a passage</p>
20-23	<p>WME 401. Analyze how the choice of a specific word or phrase shapes meaning or tone in somewhat challenging passages</p> <p>WME 402. Interpret most words and phrases as they are used in somewhat challenging passages, including determining technical, connotative, and figurative meanings</p>

Students who score in the 1-12 range are most likely beginning to develop the knowledge and skills assessed in the other ranges.

22

THE ACT COLLEGE READINESS BENCHMARK FOR READING IS 22. Students who achieve this score on the ACT Reading Test have a 50% likelihood of achieving a B or better in a first-year social science course at a typical college. The knowledge and skills highly likely to be demonstrated by students who meet the Benchmark are shaded.

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ACT College & Career Readiness Standards

▶ **READING**

ACT

ACT College & Career Readiness Standards

▶ **READING**

SCORE RANGE	Key ideas and details
13-15	<p>IDT 201. Identify the central idea or theme of a passage</p>
16-19	<p>IDT 301. Identify a central idea or theme in a somewhat challenging passage</p>
20-23	<p>IDT 401. Infer a central idea or theme in a somewhat challenging passage</p> <p>IDT 402. Identify a central idea or theme in a challenging passage</p> <p>IDT 403. Summarize a central idea or theme in a challenging passage</p>

SCORE RANGE	Key ideas and details
13-15	<p>REL 201. Determine when (e.g., first, last, before, after) an event occurs in somewhat challenging passages</p> <p>REL 202. Identify simple cause-effect relationships within a single sentence in a passage</p>
16-19	<p>REL 301. Identify clear comparative relationships between main characters in somewhat challenging literary narratives</p> <p>REL 302. Identify simple cause-effect relationships within a single paragraph in somewhat challenging literary narratives</p>
20-23	<p>REL 401. Order simple sequences of events in somewhat challenging literary narratives</p> <p>REL 402. Identify clear comparative relationships in somewhat challenging passages</p> <p>REL 403. Identify clear cause-effect relationships in somewhat challenging passages</p>

Students who score in the 1-12 range are most likely beginning to develop the knowledge and skills assessed in the other ranges.

22

THE ACT COLLEGE READINESS BENCHMARK FOR READING IS 22. Students who achieve this score on the ACT Reading Test have a 50% likelihood of achieving a B or better in a first-year social science course at a typical college. The knowledge and skills highly likely to be demonstrated by students who meet the Benchmark are shaded.

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Utilize ACT Resources

 **STUDENTS: Ideas for Progress**

 **EDUCATORS: ACT Curriculum Worksheets**

Score Range 1 to 12

- locate and discuss details presented in a text (e.g., who, what, where, when)
- recognize generalizations about the main characters in a text

Score Range 13 to 15

- scan a text to locate specific details (e.g., dates, specialized terms, facts)

Score Range 16 to 19

Key Ideas and Details	Close Reading	Central Ideas, Themes, and Summaries
<ul style="list-style-type: none"> write, exchange, and answer a series of questions about significant details presented in increasingly challenging texts identify inaccurate generalizations (e.g., stereotypes) in written or nonprint sources make reasoned judgments about ideas and events based on evidence from written or nonprint sources restate in own words the significance of specific information in written or nonprint sources 	<ul style="list-style-type: none"> determine the general or specific idea of one or more paragraphs or of the text as a whole 	<ul style="list-style-type: none"> place events in chronological order by locating supporting evidence from the text identify similarities and differences between people, objects, events, or ideas, drawing accurate conclusions determine factors that have clearly influenced the outcome of a situation identify statements in increasingly challenging texts that clearly state the cause(s) and effect(s) of specific events
Craft and Structure	Relationships	Word Meanings and Word Choice
<ul style="list-style-type: none"> differentiate between literal (denotative) and implied (connotative) meanings of words and phrases in increasingly challenging texts clarify the meanings of words or descriptive phrases by searching for clues in the text (e.g., sentence structure, context, prefixes/suffixes, spelling patterns) 	<ul style="list-style-type: none"> identify details that clearly support the key point(s) of written or nonprint sources recognize common organizational patterns (e.g., description, sequence, cause-effect, problem-solution, comparison-contrast) used by the author of a text 	<ul style="list-style-type: none"> analyze techniques used by the author of a text to reveal or conceal his or her point of view
Integration of Knowledge and Ideas	Purpose and Point of View	Arguments
<ul style="list-style-type: none"> locate words that might signal an author's or narrator's premise or claim (e.g., <i>since, for, because</i>) or conclusion (<i>therefore, consequently</i>) 	<ul style="list-style-type: none"> analyze techniques used by the author of a text to reveal or conceal his or her point of view 	<ul style="list-style-type: none"> confirm or disprove conclusions drawn by identifying and applying details from multiple literary narratives
	Text Structure	Multiple Texts
	<ul style="list-style-type: none"> analyze techniques used by the author of a text to reveal or conceal his or her point of view 	<ul style="list-style-type: none"> confirm or disprove conclusions drawn by identifying and applying details from multiple literary narratives

Reading Curriculum Review Worksheets

Table 1. ACT Reading College and Career Readiness Standards for Score Range 13-15

Code	Standard	Description
CLR 201	Locate basic facts (e.g., names, events) clearly stated in a passage	
CLR 202	Draw simple logical conclusions about the main characters in somewhat challenging literary narratives	
IDT 201	Identify the topic of passages or distinguish the topic from the central idea or theme	
REL 201	Determine when (e.g., first, last, after) an event occurs in somewhat challenging passages	
REL 202	Identify simple cause-effect relationships within a single sentence in a passage	
WME 201	Understand the implication of a word or phrase and of simple details	
TST 201	Analyze how one or more sentences relate to the whole passage when the function is stated or clearly indicated	
PPV 201	Recognize a clear intent of an author or narrator in somewhat challenging narratives	
ARG 201	Analyze how one or more sentences offer reasons for or support a claim when the relationship is indicated	
SYN 201	Make simple comparisons between passages	

Table 2. ACT Reading College and Career Readiness Standards for Score Range 16-19

Code	Standard	Description	For each skill, knowledge, or process:	
			Is it included in your Reading curriculum?	At what grade level?
CLR 301	Locate simple details at the sentence and paragraph level in somewhat challenging passages			
CLR 302	Draw simple logical conclusions in somewhat challenging passages			
IDT 301	Identify a clear central idea in straightforward paragraphs in somewhat challenging literary narratives			
REL 301	Identify clear comparative relationships between main characters in somewhat challenging literary narratives			
REL 302	Identify simple cause-effect relationships within a single paragraph in somewhat challenging literary narratives			
WME 301	Analyze how the choice of a specific word or phrase shapes meaning or tone in somewhat challenging passages when the effect is simple			
WME 302	Interpret basic figurative language as it is used in a passage			
TST 301	Analyze how one or more sentences in somewhat challenging passages relate to the whole passage when the function is simple			
TST 302	Identify a clear function of straightforward paragraphs in somewhat challenging literary narratives			
PPV 301	Recognize a clear intent of an author or narrator in somewhat challenging passages			
ARG 301	Analyze how one or more sentences in somewhat challenging passages offer reasons for or support a claim when the relationship is simple			
SYN 301	Make straightforward comparisons between two passages			

Table 3. ACT Reading College and Career Readiness Standards for Score Range 20-23

Code	Standard	Description	For each skill, knowledge, or process:		
			Is it included in your Reading curriculum?	At what grade level (or in which course) are students first introduced to it?	At what grade level (or in which course) are students expected to demonstrate proficiency?
CLR 401	Locate important details in somewhat challenging passages				
CLR 402	Draw logical conclusions in somewhat challenging passages				
CLR 403	Draw simple logical conclusions in more challenging passages				
CLR 404	Paraphrase some statements as they are used in somewhat challenging passages				
IDT 401	Infer a central idea in straightforward paragraphs in somewhat challenging literary narratives				
IDT 402	Identify a clear central idea or theme in somewhat challenging passages or their paragraphs				
IDT 403	Summarize key supporting ideas and details in somewhat challenging passages				
REL 401	Order simple sequences of events in somewhat challenging literary narratives				
REL 402	Identify clear comparative relationships in somewhat challenging passages				
REL 403	Identify clear cause-effect relationships in somewhat challenging passages				
WME 401	Analyze how the choice of a specific word or phrase shapes meaning or tone in somewhat challenging passages				
WME 402	Interpret most words and phrases as they are used in somewhat challenging passages, including determining technical, connotative, and figurative meanings				
TST 401	Analyze how one or more sentences in somewhat challenging passages relate to the whole passage				
TST 402	Infer the function of straightforward paragraphs in somewhat challenging literary narratives				
TST 403	Identify a clear function of paragraphs in somewhat challenging passages				
TST 404	Analyze the overall structure of somewhat challenging passages				
PPV 401	Identify a clear purpose of somewhat challenging passages and how that purpose shapes content and style				
PPV 402	Understand point of view in somewhat challenging passages				

Utilize ACT Resources



EDUCATORS: ACT Content Standards and Ideas for Progress

ACT Content Standards for Reading (Benchmark = 22)

Skills Demonstrated within Select ACT College and Career Readiness Standards (CCRS) Score Range(s)

Reporting Category	Content Substrand	Score Range	Standard Description
Key Ideas and Details	Close Reading (CLR)	13-15	CLR 201. Locate basic facts (e.g., names, dates, events) clearly stated in a passage.
			CLR 202. Draw simple logical conclusions about the main characters in somewhat challenging literary narratives.
		16-19	CLR 301. Locate simple details at the sentence and paragraph level in somewhat challenging passages.
			CLR 302. Draw simple logical conclusions in somewhat challenging passages.
		20-23	CLR 401. Locate important details in somewhat challenging passages.
			CLR 402. Draw logical conclusions in somewhat challenging passages.
			CLR 403. Draw simple logical conclusions in more challenging passages.
			CLR 404. Paraphrase some statement.

Skill Enhancement for Reading (Benchmark = 22)

Skill-Enhancing Possibilities within Select College and Career Readiness Standards (CCRS) Score Range(s)

Content Strand	Content Substrand	Score Range	Suggested Activities
Key Ideas and Details	Close Reading	01-12	Combine several pieces of information to draw a logical conclusion about a specific character.
			Locate and discuss details presented in a text.
			Make predictions about characters and events.
			Recognize generalizations about the main character.
		13-15	Draw reasonable conclusions about people and events.
			Scan a text to locate specific details (e.g., dates, names, dates, events).
			Identify inaccurate generalizations (e.g., stereotypes).
			Make reasoned judgments about ideas and events.

ACT Curriculum Worksheet for Reading (Benchmark = 22)

To Customize: Download as "Crosstab" > [select data type] using the download button at top right

Reporting Category	Standard Content Abbreviation	Standard Number	Standard Description	Where is this found in your Learning Targets?	Does this deserve more attention in your curriculum?	Where & How can I Enhance Teaching and Assessment?
Key Ideas and Details	CLR	201	CLR 201. Locate basic facts (e.g., names, dates, events) clearly stated in a passage.			
		202	CLR 202. Draw simple logical conclusions about the main characters in somewhat challenging literary narratives.			
		301	CLR 301. Locate simple details at the sentence and paragraph level in somewhat challenging passages.			
		302	CLR 302. Draw simple logical conclusions in somewhat challenging passages.			
		401	CLR 401. Locate important details in somewhat challenging passages.			
		402	CLR 402. Draw logical conclusions in somewhat challenging passages.			
		403	CLR 403. Draw simple logical conclusions in more challenging passages.			

DID YOU KNOW?
The Interactive Tool is Helpful in Planning Process for Strengthening Curriculum and Instruction to Increase College and Career Readiness

Provide Strategic Support with ACT Solutions

➔ **STUDENTS: ACT Online Prep and/or PreACT Assessments**

➔ **EDUCATORS: AIM and/or ACT Professional Services**

ACT® Online Prep™



Name: _____
(Please print)

Your Student ID Number:

PreACT

2019-2020

ACT 193 004 126
Keep Out, 19-12245-018

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Rev 1



2023-2024
COURSE CATALOG

ACT® Professional Services™

ACT INSTRUCTIONAL MASTERY
READING AGENDA

READING INSTRUCTIONAL MASTERY ACT

The ACT Instructional Mastery Reading course provides candidates with the information necessary to provide effective Reading test preparation instruction, identify and recommend Reading test strategies, and understand Reading test structure and content. This course is highly interactive and experiential. Discover and explore the different strategies applicable to students of different abilities and reading speeds. Exercises completed in this course allow candidates to know what it feels like to be a pressed-for-time student who needs to get a good score.

Includes:

- Helping readers learn smart strategies to get more questions right more quickly and manage limited time effectively
- Discovering which approaches work best for which types of student
- Understanding Reading test Reporting Categories
- Analyzing Reading test items to determine what is being measured
- Practical, logical, and easy-to-understand approaches to each type of question
- Examining ways to embed Reading test prep into high school curriculum

Why Take It?

- Acquire practical skills to pass on to your students
- Gain insights into the skills the test assesses and how you can help your students develop those skills
- Become more effective in improving key skills required for success in college and beyond

ACT Reading Professional Learning Example Schedule | 2-Day Course

Day 1		Day 2	
Time	Activity	Time	Activity
8:00 AM-9:00 AM	Introduction, Reading Test Overview	8:00 AM-9:00 AM	Test-Taking Strategies: Time Management
9:00 AM-9:30 AM	ACT Reading Data Analysis	9:00 AM-10:30 AM	Avoiding Answer Traps and Common Errors
9:30 AM-11:00 AM	Reading CCRS and Item Analysis	10:30 AM-11:30 AM	Tailored Test-Taking Strategies and Practice ACT Reading Section Test
11:00 AM-11:30 AM	Test-taking Strategies: General	11:30 AM-12:00 PM	Lunch Break
11:30 AM-12:00 PM	Lunch Break	12:00 PM-1:30 PM	Student Support and Preparation
12:00 PM-12:30 PM	Test-taking Strategies: Previewing and Annotation	1:30 PM-2:00 PM	Reflection and Review
12:30 PM-2:00 PM	Test-Taking Strategies: Passage and Item-Type Strategies	2:00 PM-2:30 PM	Reading Knowledge Check
2:00 PM-2:30 PM	Closing Activities		

ACT Instructional Mastery

www.act.org

Achieve Content Confidence



STUDENTS: Increased Academic Skills



EDUCATORS: Strengthened Curriculum and Instruction

Former AIM Participants Share Feedback: 95% of more than 500 participants say “Yes, I would recommend this workshop to other educators

ACT Research & Policy | Data Byte | January 2020

ACT Online Prep: An Effective Way to Raise ACT Scores

Edgar I. Sanchez, PhD

The more students used the ACT® Online Prep web-based test prep program, the higher their ACT scores, according to a recent ACT study which explored the relationship between time spent on AOP activities (practice tests/questions) and ACT score gains.

ACT Online Prep (AOP) provides students with an interactive test preparation experience that can be accessed anytime online and includes both structured and adaptive paths. The program includes four full-length ACT practice tests and a short test for each subject, two sample writing test prompts, lessons, practice questions, flashcards, and games.

Key Findings

- The more students used AOP, the greater their ACT score gains—up to a point.
- Students who used AOP for less than seven hours saw greater score gains than students who didn't use test preparation. Students who used AOP for seven or more hours saw an average gain score over double that of students who did not use test preparation.
- Using AOP for more than seven hours resulted in a similar ACT Composite score gain, suggesting a plateau effect.

Figure 1. Effects of ACT Online Prep Practice Test and Practice Question Use on ACT Composite Score

Hours on AOP Practice Tests & Practice Questions	Average ACT Composite Score Gain
No Test Prep	0.67
0 hrs	0.62
< 7 hrs	1.06
7-10 hrs	1.38
11-20 hrs	1.29
>20 hrs	1.37

Note: The bars show the estimated mean gain, plus or minus one standard error.

To isolate the effect of AOP usage, students who used other forms of test preparation prior to their second ACT test were not included in the analysis. ACT score gains were compared for six groups of students: students who did not use test prep prior to retaking the ACT, students who had an AOP account but did not use AOP, those with less than seven hours of usage, those with 7-10 hours of usage, those with 11-20 hours of usage, and those with more than 20 hours of usage.

The analysis accounted for baseline differences across groups in the following student characteristics: prior ACT Composite score, high school GPA, gender, race/ethnicity, family income, grade level, number of months elapsed from prior to post test, mathematics and science coursework taken, advanced coursework taken (e.g. honors and AP courses), having a parent that completed at least a Bachelor's degree, expected educational attainment, declaring a need for educational support, and the number of prior ACT tests.

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ACT Research & Policy | Issue Brief | June 2020

Benefits of PreACT: What Does the Evidence Say?

Jeff Allen, PhD

This brief summarizes five benefits of schools providing the PreACT® to all their students. The PreACT 8/9® and PreACT assessments are designed to provide students with an indication of their educational progress in the context of preparing for the ACT® and exploring postsecondary educational and career options. The PreACT assessments include four multiple-choice tests: English, math, reading, and science.

The five benefits of adopting the PreACT discussed below include:

1. By accurately predicting ACT scores, the PreACT can help facilitate early college planning and preparedness.
2. PreACT ensures equitable access to practice for the ACT test.
3. Schools that adopt the PreACT see improved student readiness for college and careers.
4. PreACT scores identify students who are ready to succeed in advanced high school courses—including AP.
5. PreACT scores provide a baseline for measuring growth and to determine the impact of improvement efforts.

#1: PreACT Scores are Accurate Predictors of ACT Test Scores

PreACT scores are strong predictors of ACT scores. This is not surprising given that the PreACT measures the same knowledge and skills as the ACT, but at a level appropriate for students in grades 8-9 (PreACT 8/9) and grade 10 (PreACT). Figure 1 shows the correlations of PreACT and ACT scores for students who took the PreACT one year before taking the ACT in 11th grade.¹ The correlations confirm that PreACT scores accurately predict ACT scores—especially for the Composite score.

PreACT scores forecast ACT scores while there's plenty of time left in high school for students to grow. By providing accurate predictions via the “Your Predicted ACT Score Ranges” section of the score report, the PreACT can help facilitate high school course planning, provide motivation for other growth opportunities, identify areas for targeted intervention, and give students an early start to exploring college majors and careers.

Figure 1. PreACT Scores are Strong Predictors of ACT Scores

Subject	Correlation
Composite	0.91
English	0.84
Math	0.86
Reading	0.79
Science	0.77

Note: correlations of 1.00 implies perfect prediction.

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ACT.org/research
R1830

It was much more engaging and interactive than I expected, so I retained a lot of what was said and reviewed

I liked when it discussed the mistakes and how to avoid them

Good mix of whole group, small group, individual activities

I did not realize how much I did not know about the English section of the test

It brought the test to life instead of just pages of script. Collaboration was very beneficial as the test was analyzed

I altered what I left for my sub this morning based on what I learned yesterday about the types of grammar concepts



Retest to Manage Goals



STUDENTS: Increased
ACT Superscore=
Decrease Remediation and Increase in
Scholarships

How Hard Is It To Increase My Score?

The number of questions to answer correctly to meet the subject-area benchmarks is highlighted in green.

This scale can vary slightly from test to test but notice that, in most cases, you only need to get 2-3 more questions correct to hit the next score level for each subject.

ACT Scale	English	Math	Reading	Science	ACT Scale
36	72-75		39-40	39-40	36
35	68-71	58	37-38	38	35
34	66-67	56	36		34
33	65	55	35	36	33
32	64		34	35	32
31	63	53	33	34	31
30	62	51-52	32	33	30
29	61	49-50	31	32	29
28	59-60	48	30		28
27	58	44-47	29	31	27
26	56-57	41-43		30	26
25	54-55	39-40	28	28-29	25
24	51-53	37-38	26-27	26-27	24
23	49-50	35-36	25	24-25	23
22	47-48	34	23-24	22-23	22
21	44-46	32-33	22	21	21
20	41-43	31	21	19-20	20
19	39-40	29-30	19-20	17-18	19
18	37-38	27-28	18	16	18
17	35-36	24-26	17	14-15	17
16	33-34	20-23	16	13	16



EDUCATORS: Increased AR
SQSS Indicators Scores for
College Readiness

School Quality and Student Success Indicators

Indicator	Grade Level or Cohort for Points Available	Points for Student
Student Engagement	Grades K -11	Point based on Chronic Absence (CA) risk level: CA < 5% = 1.0 Point 5 <= CA < 10% = 0.5 Point CA >= 10% = 0.0 Point
Science Achievement	Grades 3 - 10	Ready or Exceeds = 1.0 Point Close or Not Ready = 0.0 Point
Science Growth	Grades 4 - 10	Using ACT Aspire Science Value-Added Score Percentile Rate VAS PR ≥ 75 = 1.0 Point 25 ≤ VAS PR < 75 = 0.5 Point VAS PR ≤ 25 = 0.0 Point
Reading at Grade Level	Grades 3 - 10	Ready or Exceeds = 1.0 Point Close or Not Ready = 0.0 Point
ACT	Grade 12 Cycle 7 Enrollment	Best ACT Composite Score ≥ 19 = 1.0 Point Use best ACT score from prior 3 years.
ACT Readiness Benchmark	Grade 12 Cycle 7 Enrollment	ACT Reading ≥ 22 = 0.5 point ACT Math ≥ 22 = 0.5 point ACT Science ≥ 23 = 0.5 point Use best ACT score from prior 3 years for each subject.
GPA 2.8 or better on 4.0 scale	Grade 12 Cycle 7 Enrollment	High school final GPA ≥ 2.8 = 1.0 Point
Community Service Learning Credits Earned	Grade 12 Cycle 7 Enrollment	1 or more SL credits earned = 1.0 Point Act 648 of 1993 course #496010 or other state approved courses Credits earned at any time during grades 9 - 12

Optimize College and Career Readiness



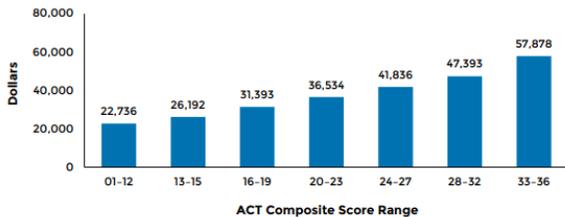
STUDENTS: Increased College and Career Readiness Can Lead to Success in College and Secure a Higher Income

The Importance of Graduating from High School College and Career Ready: The Positive Relationship between ACT Score and Future Earnings

Krista D. Mattern, PhD, and Ty M. Cruce, PhD

Previous research has linked higher levels of academic preparation as measured by the ACT® to postsecondary success, such as earning higher college grades and completing a college degree in a timely manner.¹ This ACT Data Byte extends these findings, illustrating the positive relationship between graduating from high school college and career ready and future annual earnings. Data from a collaboration between ACT and Opportunity Insights—a non-profit organization located at Harvard University—show that the annual earnings individuals report during their late 20s are positively related to their academic achievement level measured during high school.²

Figure 1. Mean Annual Earnings (in 2016 dollars) at Age 28 by ACT Composite Score Range



Notes: Based on over 9.1 million ACT-tested individuals who were born between 1979 and 1987. Mean annual earnings are calculated using all ACT-tested individuals, including those individuals (9%) who reported no positive income at the age of 28. The positive relationship between ACT Composite score range and mean annual earnings remains when the sample is limited to only those individuals who reported positive income at the age of 28.

Criterion-Related and Differential Validity of ACT® WorkKeys® in Arkansas

Jeffrey Conway, PhD

Introduction

In the winter of 2020, ACT and the Arkansas Department of Higher Education (ADHE) entered into a data sharing agreement where the ADHE would share educational data on several cohorts of incoming college freshmen and ACT would match that data to its test records. The original purpose of this work was to create high school to college success reports using ACT® test scores as a predictor. The purpose of this paper is to outline an additional use of this data by examining the validity of ACT® WorkKeys® scores in predicting first-year college GPA and to examine if any differential validity, based on gender or ethnicity, existed in predicting first-year college GPA. ACT WorkKeys tests students on foundational workplace skills (e.g., mathematics, reading comprehension, interpretation of graphics). Moreover, students can earn an ACT® WorkKeys® National Career Readiness Certificate® (NCRC®), which certifies skills to potential employers and postsecondary training programs (ACT, 2014). The NCRC is determined based on three assessments: ACT® WorkKeys® Applied Math, ACT® WorkKeys® Workplace Documents, and ACT® WorkKeys® Graphic Literacy.

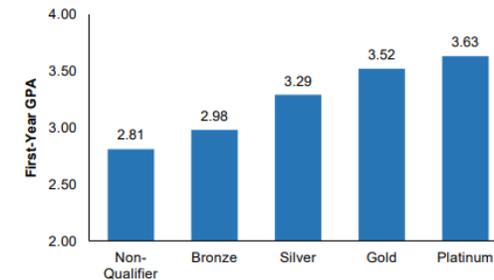
Data

To start, a unique identifier using first name, last name, and date of birth was created to find matching WorkKeys Assessment scores. Next, a unique dataset was created which contained WorkKeys scores and first-year college GPA for students within the Arkansas educational system at either a 2- or 4-year institution. The students took WorkKeys in high school prior to enrollment. This dataset contained 964 students. The sample was 52% female. The sample was 63% White, 20% Black/African American, 11% Hispanic/Latino, with the remaining proportion of the sample coming from Asian (1%), Native American (0.5%), Pacific Islander (0.5%), and Multiracial groups (4%). Lastly, the distribution of NCRC distinctions were as follows: Non-Qualifier (9%), Bronze (26%), Silver (32%), Gold (22%), and Platinum (11%). Descriptive statistics of the key variables of the study are in Table 1.

Table 1. Descriptive Statistics

Variable	Mean	SD	Scale
GPA	3.25	0.63	0–4.33
WK Applied Math	79.12	4.58	65–90
WK Graphic Literacy	79.26	4.17	65–90
WK Workplace Documents	79.35	4.02	65–90

Figure 1. Average First-Year GPA by NCRC Level



Differential Validity Overview

Differential validity occurs when the relationship between test scores and an outcome varies by subgroup, which could suggest that the interpretation of scores should vary by subgroup. Differential validity is examined using regression where interactions between test scores and subgroups are tested to determine whether best-fit regression lines differ by subgroup. According to the *Standards for Educational and Psychological Testing* (2014, p. 70), "In cases where there is credible evidence of differential validity, developers should provide clear guidance to the test user about when and whether valid interpretations of scores for their intended uses can or cannot be drawn for individuals from these subgroups." Based on this standard, it is important to test whether WorkKeys Assessments create differential validity when predicting first-year GPA based on gender and race/ethnicity. The differential validity for WorkKeys has not been empirically tested before.

Differential Validity Results

The first differential validity analysis was focused on gender. The regression test using gender produced a significant interaction between NCRC level and gender ($\beta = -0.25, p < .01$). The direction of the interaction favored men over women. Hence, NCRC level overpredicts the GPA level of men (versus women). The results of this analysis are plotted in Figure 2, which shows a stronger slope in the blue line for women as opposed to the orange line for men, creating a difference in intercepts for the separate regression equations. Stated simply, women outperform predictions, relative to men, regarding GPA. As women continue to outnumber men in higher education, this small effect could serve to close this gap. This is a common finding across ACT research and one reason for the difference could be that women tend to have higher psychosocial factors (Ndum et al., 2015).

Optimize College and Career Readiness



STUDENTS: Increased College and Career Readiness Can Lead to Success in College and Secure a Higher Income

The ACT College Readiness Benchmarks

The ACT College Readiness Benchmarks are the ACT scores that represent the level of achievement required for students to have a **50% chance of obtaining a B or higher** or about a **75-80% chance of obtaining a C or higher** in corresponding credit-bearing courses.

Progress Indicator and Refreshed WorkKeys

The Progress Toward the ACT NCRC indicator provides students who take the ACT with information about their level of career readiness based on their ACT composite score. More specifically, this indicator provides an estimate of students' likely achievement level for the ACT WorkKeys NCRC.

Based on the most recent ACT/WorkKeys linking study, students who earn an ACT composite score of:

<13 are unlikely to obtain an **ACT NCRC**

13 to 16 are most likely to obtain a **Bronze NCRC**

17 to 21 are most likely to obtain a **Silver NCRC**

22 to 26 are most likely to obtain a **Gold NCRC**.

Higher NCRC Levels Correlate to High Income Levels

Performing well on the ACT WorkKeys Assessments and earning a higher WorkKeys NCRC level can help people secure higher incomes in the short and long terms, research confirms.

Individuals who took WorkKeys in 2011 and **earned an NCRC tended to increase their incomes at a rate much greater** than national trends.

Short-term income trends were similar for all high school WorkKeys testers, but those who earned higher NCRC levels—especially Gold or Platinum—increased their incomes at a much faster rate starting three years after testing.

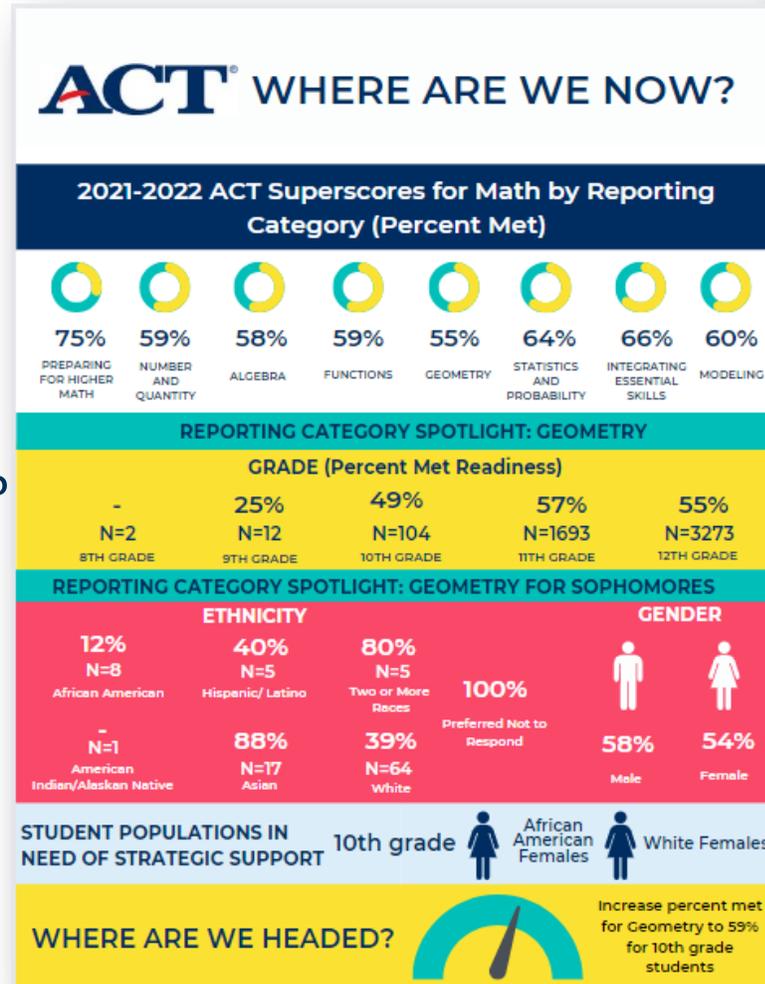


“Skills to Pay the Bills”

Communicate to Stakeholders

Key Elements to Include:

- Findings from the Data
- Solutions to Increase College Readiness
- Linkage of Solutions to Strategic Plan
- Potential Impact on College Readiness of Students
- What Does Success Look Like?
- Implementation Timeline
- Opportunity for Feedback



Specific Insights

- Only 8% of African American female 10th grade students met the readiness standards for Geometry
- Only 39% of White female 10th grade students met the readiness standards for Geometry
- Students who were two or more races performed well in Geometry
- Over 3/4 of Asian students met the readiness standards in Geometry

ACT Supported Strategic Solutions

Collaborating with ACT to increase college readiness of students is a direct investment in student success. By providing practice tests, test prep, and professional development from the makers of the test, the district is ensuring students have access to high-quality solutions that measure their current and potential academic skill levels.

Below are recommendations for ACT Solutions that can potentially increase college readiness of students.

- **PreACT: Administer to Juniors in Spring 2024**
 - Purpose: Simulate taking the ACT test. Utilize the score reports to work on weak academic areas
- **ACT Online Prep: Provide access beginning Spring 2024**
 - Purpose: Provide structured test prep to prepare for state testing in the Spring
- **ACT District Testing: Administer to Juniors in Spring 2024**
 - Purpose: Practice taking the ACT before state testing in the Spring
- **ACT Instructional Mastery**
 - Purpose: Provide professional development for teachers by ACT Subject area so they can be confident in preparing students to meet college readiness standards

ACT Solution	FY23 Price	Quantity	Estimated Cost
PreACT	\$18	100	\$1,800
ACT Online Prep	\$25.95	100	\$2,595
ACT School Day Testing	\$41.50	100	\$4,150
ACT Instructional Mastery	\$659	8	\$5,272

Strategic Plan Alignment

- Creating holistic student support plans that contain strategic interventions supported by data from ACT assessment directly supports the district's strategic goal of student success.

ACT®

What's the Plan?

Immediate Strategies to Increase College and Career Readiness

Fall

- Administer the **PreACT** to ALL 8th, 9th, and 10th grade students
 - Use the ACT student data from the test to identify areas of individual success plans
 - **Benefit:** Academic college and career readiness baselines are established for all students
 - **ACT Research Supported Strategy:** Average ACT Scores increase 1-2 points
- Administer **ACT District Testing** to ALL Juniors
 - Use the ACT student data from the test to identify areas of individual success plans
 - Support Juniors with test prep via **ACT Online Prep** to prepare for ACT State Testing in the Spring
 - **Potential Benefits**
 - Establishment of college and career readiness baselines for all students
 - Reduced test anxiety for State Testing
 - Increase in ACT Scores
- Provide Seniors with an Opportunity to Retest: **ACT District Testing**
 - All students are guaranteed the opportunity to take the ACT more than once during high school
 - **Potential Benefits**
 - The ACT: Increased scholarship earning potential and/or correct academic placement

Spring

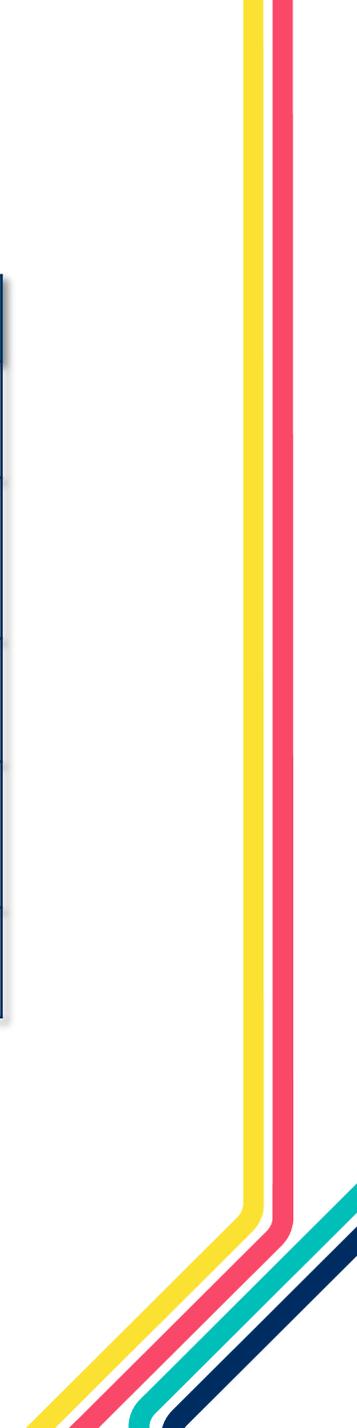
- Administer the **PreACT** to ALL 8th, 9th, and 10th grade students
 - Use the ACT student data from the test to identify areas of individual success plans
 - **Benefit:** Academic college and career readiness baselines are established for all students
 - **ACT Research Supported Strategy:** Average ACT Scores increase 1-2 points

Fall 2023- Spring 2024

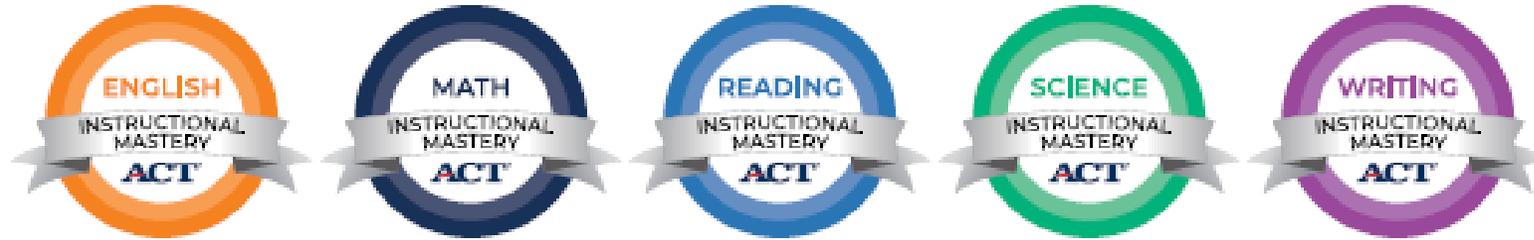
- Provide teachers with the opportunity to participate in ACT Instructional Mastery Courses

ACT Supported Assessment Plan

Grade	Fall	Spring
8 th grade	Pre ACT [®] 8/9	Pre ACT [®] 8/9
Freshman	Pre ACT [®] 8/9	Pre ACT [®] 8/9
Sophomores	Pre ACT [®]	Pre ACT [®]
Juniors	ACT [®] Online Prep™ The ACT [®]	The ACT [®] (State Funded)
Seniors	The ACT [®]	ACT [®] WorkKeys [®] Assessments



ACT Supported Professional Growth Plan



ACT Subject	Course Schedule	Participants
English	TBD	TBD
Math	TBD	TBD
Reading	TBD	TBD
Science	TBD	TBD
Writing	TBD	TBD

Long-Term Strategies to Increase College and Career Readiness



Analyze ACT Student Data To Strengthen Curriculum And Instruction

- Utilize ACT Curriculum Worksheets to identify areas of growth in each of the ACT subject areas
- Provide teachers with high-quality professional development to increase content confidence for the ACT



Assess Students Regularly with ACT Connected Assessments

- Integrate ACT assessments into the district assessment plan to assess students regularly so they understand their progress is related to future success and not just a score



Collect Feedback from Stakeholders to Plan for the Future and Embrace Innovation

- Incorporate feedback from internal external stakeholders to continue to streamline priorities and empower the school communities to accelerate student progress

Moving Forward with ACT Supported Strategies: Benefits for Students and Your School District

STUDENT BENEFITS



- Increase the Academic Placement Into College-Level Courses for Student
- Increase in the Scholarship Earning Potential of Students



DIVISION OF ELEMENTARY
& SECONDARY EDUCATION

DISTRICT BENEFITS



- Increase in ACT Performance Scores for ESSA
- Increase in the Professional Development of Faculty and Staff

ACT[®]



Plan: Equity and Access

- Providing ACT Solutions to All Students Ensures Access for All Students
- Identifying Opportunities to Increase College Readiness for Underserved-Students Facilitates a Culture of Equity
- Implementing Strategic Interventions to At-Risk Students Supports a Culture of Equity



Student Success Plans Supported by ACT Solutions

 DIVISION OF ELEMENTARY & SECONDARY EDUCATION		YOUR DISTRICT
State Accountability	ACT Solution	Local Implementation
<ul style="list-style-type: none"> Students can input and store state assessment scores and standardized test results (AP, ACT, SAT, etc.) 	<ul style="list-style-type: none"> Students have access to their scores via MyACT. Educators have access to student score reports via success.act.org. 	<ul style="list-style-type: none"> Educators can access the student score reports in ACT Online Reporting, export the data, and upload the information into individual student success plans or student information system.
<ul style="list-style-type: none"> Provide students with feedback on individual education and skill deficiencies in comparison to desired career pathway. 	<ul style="list-style-type: none"> Students have access to PreACT 8/9, PreACT, and ACT scores via MyACT. Educators have access to student score reports via success.act.org. 	<ul style="list-style-type: none"> Educators can access the student score reports for PreACT 8/9, PreACT, PreACT Secure, and the ACT in ACT Online Reporting, export the data, and upload the information into individual student success plans or student information system.
<ul style="list-style-type: none"> Assessments measuring and providing feedback on student knowledge, skills, ability, and interests with alignment to the 16 career clusters. 	<ul style="list-style-type: none"> Students have access to PreACT 8/9, PreACT, and ACT scores via MyACT. Educators have access to student score reports via success.act.org. 	<ul style="list-style-type: none"> Educators can access the student score reports for PreACT 8/9, PreACT, PreACT Secure, and the ACT in ACT Online Reporting, export the data, and upload the information into individual student success plans or student information system.

ESSA School Index: School Quality and Student Success (SQSS)



YOUR DISTRICT

State Accountability

ACT Solution

Local Implementation

- Proficient Reading Level Grades 3-10

• Administer the PreACT Suite (8th -10th grade) to set academic baselines.

Educators can utilize ACT Online Reporting to monitor progress toward the goal of students reading proficiently.

- PreACT 8/9 (Scores by Subject area and)
- PreACT (Scores by Subject area)
- PreACT Secure (Scores by Subject area-Look for trends in the data)
- The ACT (Scores by Subject area-Look for trends in the data)

- ACT Composite of 19 or Greater

- Administer the PreACT 8/9 and PreACT to assess academic progress and be informed of predicted ACT scores.
- Offer the ACT to Seniors as a retake to improve their scores for scholarships and academic placement.

Educators can utilize ACT Online Reporting to monitor progress toward the goal of ACT Composite of 19 or greater!

- PreACT 8/9 (Scores by Subject area and)
- PreACT (Scores by Subject area)
- PreACT Secure (Scores by Subject area-Look for trends in the data)
- The ACT (Scores by Subject area-Look for trends in the data)

- ACT Readiness Benchmark

- Administer the PreACT 8/9 and PreACT to assess academic progress and be informed of predicted ACT scores.
- Offer the ACT to Seniors as a retake to improve college readiness.

Educators can utilize ACT Online Reporting to monitor progress toward the goal of increasing the ACT Readiness Benchmark

- PreACT 8/9 (Scores by Subject area and)
- PreACT (Scores by Subject area)
- PreACT Secure (Scores by Subject area-Look for trends in the data)
- The ACT (Scores by Subject area-Look for trends in the data)

ESSA School Index: School Quality and Student Success (SQSS)

Table 2. ACT Cutoff Score Guide for Placement in First-Year College Courses

Course Type	ACT Test	Score Needed for 50% Chance of B or Higher
English Courses		
Standard Composition	English	18
Advanced Composition	English	19
Mathematics Courses		
College Algebra	Mathematics	22
Pre-Calculus	Mathematics	24
Trigonometry	Mathematics	24
Calculus	Mathematics	27
Social Science Courses		
American History	Reading	23
Other History	Reading	23
Psychology	Reading	22
Sociology	Reading	21
Political Science	Reading	22
Natural Science Courses		
Biology	Science	23
Chemistry	Science	26

More than a Score!

Why are we concerned about ACT scores when some colleges and universities are test-optional in their admissions processes?

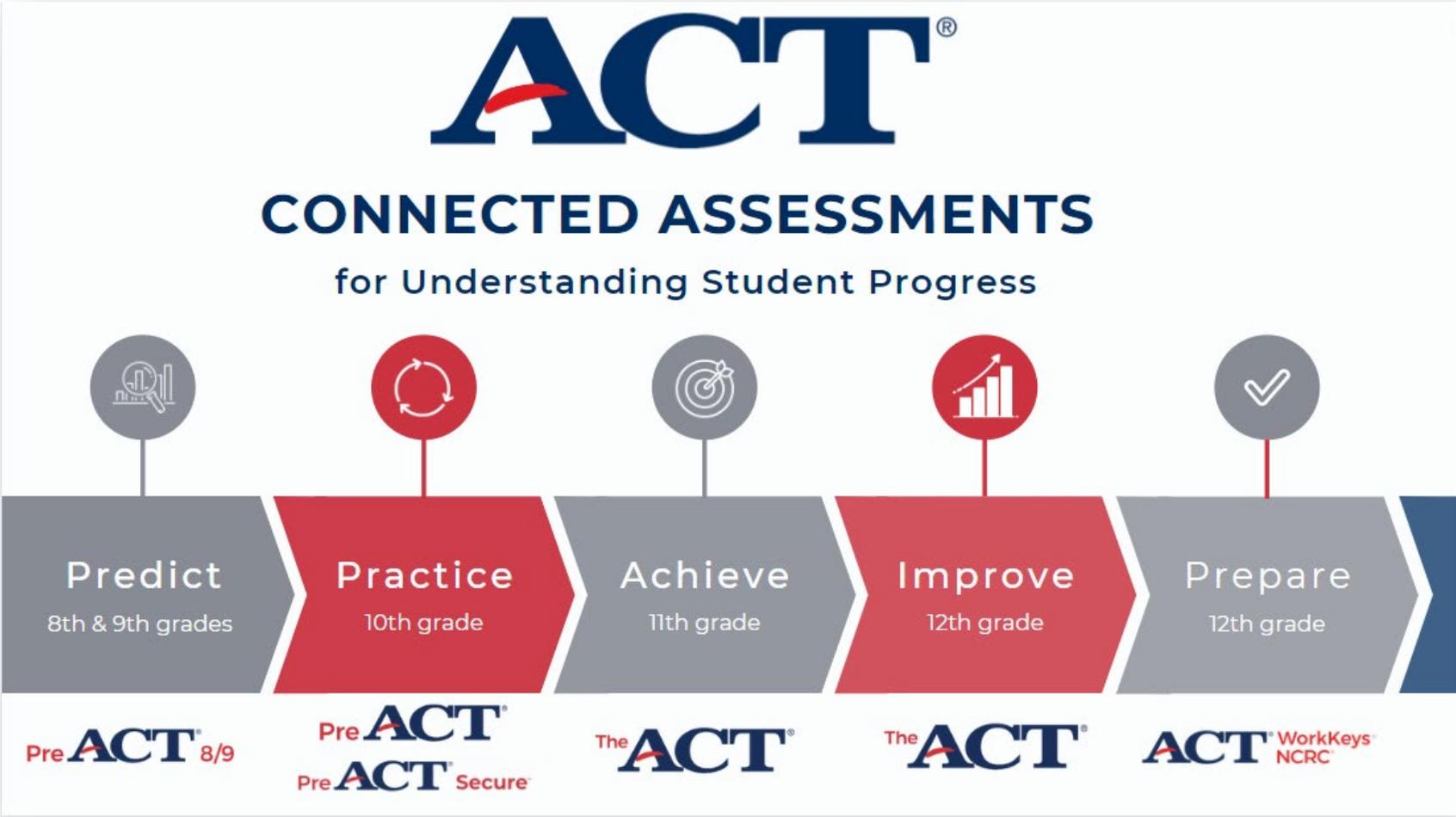
ACT® College and Career Readiness Benchmarks™

SUBJECT	THE ACT TEST
English	18
Math	22
Reading	22
Science	23
ELA	20
STEM	26

Reasons to Collaborate with ACT to Increase College Readiness

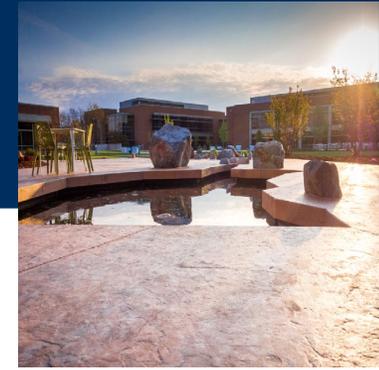
- **Utilization** of the student data via ACT Online Reporting is critical in reporting on accountability metrics
- **Application** of ACT Curriculum Worksheets to identify areas to strengthen in curriculum and instruction
- **Administration** of the PreACT Suite ensures equitable access to practice for the ACT test
- **Participation** in ACT School Day testing provides your students with the opportunity to assess their academic skills and level of college readiness in a familiar environment
 - Having all students participate raises college awareness and exposure among all students, rather than only self-selected, college-bound students. For some students, the experience may help them realize they have the skills to perform college-level coursework.
- **Comparison** of AR Curriculum Standards and ACT Curriculum Review Worksheets for College and Career Standards

Monitor Progress Toward Goals-Connected Assessments



Utilize ACT Resources to Support You and Your Students

- **ACT Account Executive**
 - Ashley Buchman ashley.buchman@act.org
- **ACT Content Standards and Ideas for Progress**
 - Click [here](#) to access the interactive dashboard
- **ACT Curriculum and Assessment Planner**
 - Click [here](#) to access the comprehensive assessment planner
- **ACT Data Tools**
 - Click [here](#) to access the data and visualization tools
- **ACT Online Reporting**
 - Click [here](#) to access the online reporting platform
 - Click [here](#) to access the 2023 ACT Online Reporting User Guide



Thank you!

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