



Chickasaw City Schools

ACT WorkKeys
&
Career Readiness

2022

Goals



- To prepare ALL students for the day AFTER graduation.
- For EVERY student to graduate “Career Ready”.



What is



ACT WorkKeys® assessments are the cornerstone of ACT workforce solutions. The assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance.

What is the Importance of a National Career Readiness Certificate



Individuals who successfully complete the three WorkKeys assessments—Applied Math, Graphic Literacy, and Workplace Documents—earn the WorkKeys National Career Readiness Certificate® (WorkKeysNCRC®).

The NCRC is a valuable, nationally recognized credential for students and job seekers seeking to verify foundational workplace skills.

ACT WorkKeys as a Career Readiness Indicator



All Alabama high schools are “graded” on the number of “CRIs” earned by graduating students:

ACT Benchmark score

ACT WorkKeys (Silver Certificate minimum)

Qualifying AP/IB Score

Dual Enrollment course

Military Enlistment (prior to graduation)

Approved Business Industry Recognized Credential (CTE)

3 Sequential CTE Courses in 1 Program with a C-higher Average

Why is the WorkKeys an Important Indicator?



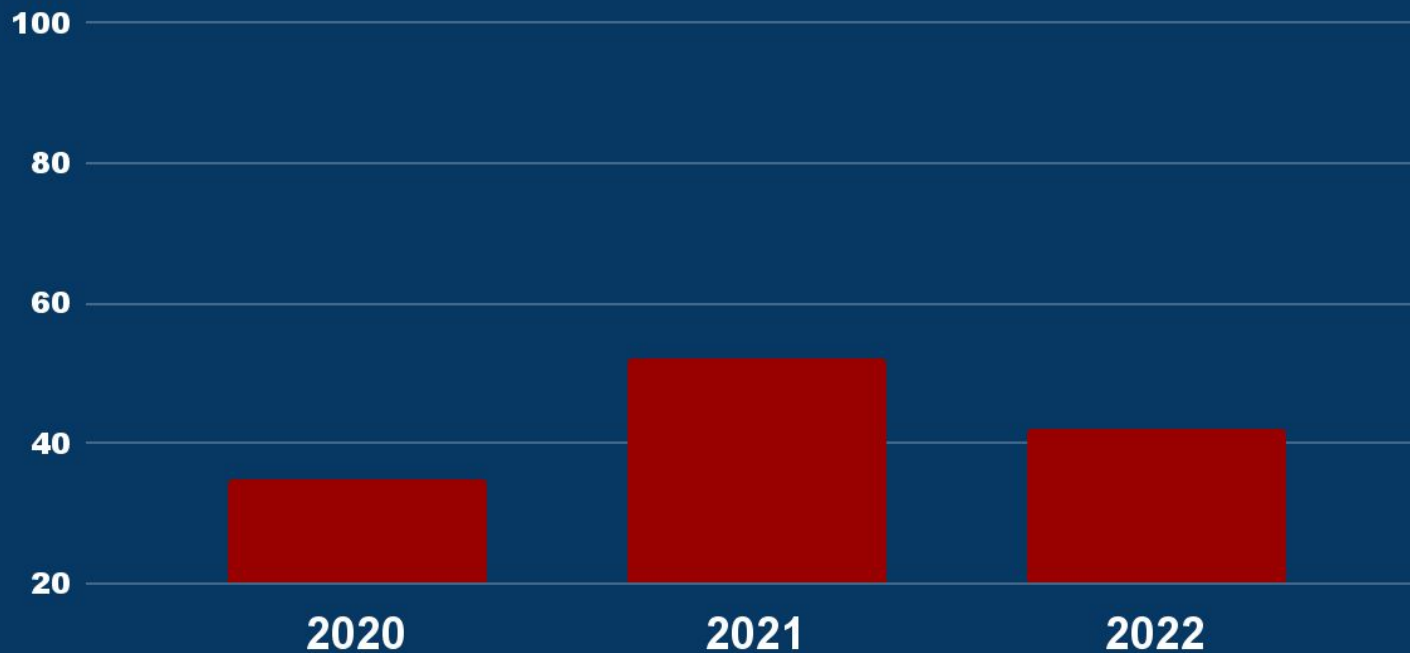
Above all other CRI's available for high school students to obtain prior to graduation, the ACT WorkKeys NCRC certificate is recognized by industries ranging from healthcare, engineering, and construction and is universal across the entire country!



Where is CHS on this map??



CHS National Career Readiness Certificate Trends



**Class of
2020**
NCRC 35%

**Class of
2021**
NCRC 52%

**Class of
2022**
CCR 42%

2020-2022

Learn it to Earn It!



The **ACT WorkKeys** National Career
Readiness Certificate:

Breaking it Down

Credentialing Levels



NCRC Certificate Levels



Bronze: Level 3 minimum in each skill
Core employability skills for approximately 35% of jobs



Silver: Level 4 minimum in each skill
Core employability skills for approximately 65% of jobs



Gold: Level 5 minimum in each skill
Core employability skills for approximately 90% of jobs



Platinum: Level 6 minimum in each skill
Core employability skills for approximately 99% of jobs



NATIONAL
CAREER READINESS
CERTIFICATE



Foundational Tests for NCRC



APPLIED MATH

Critical thinking, mathematical reasoning, and problem-solving techniques in workplace situations. High levels of this skill include:

IDENTIFYING

errors in calculation

CONVERTING

systems of measurement

CALCULATING

areas and volumes



GRAPHIC LITERACY

Reading and comprehending graphical materials to solve work-related problems. High levels of this skill include:

INTERPRETING

trends, relationships, and patterns

COMPARING

information and trends among data sets

USING DATA

to make decisions



WORKPLACE DOCUMENTS

Reading and comprehending written information to make decisions and solve problems. High levels of this skill include:

INFERRING

meanings of words and phrases from contexts

DECIPHERING

the meaning of acronyms, jargon, or technical content

APPLYING

information and instructions to a new situation

The NCRC Components



APPLIED MATH

The Applied Math assessment measures critical thinking, mathematical reasoning, and problem solving techniques for situations that actually occur in today's workplace. While individuals may use calculators and conversion tables to help with the problems on the assessment, math skills are still needed to think them through.

Number of Items: 34

Test Length

- 55 minutes (WorkKeys Internet Version and Paper)

The NCRC Components

Applied Math Formula Sheet



Formula Samples

Distance

1 foot = 12 inches
1 yard = 3 feet
1 mile = 5,280 feet
1 mile \approx 1.61 kilometers
1 inch = 2.54 centimeters
1 foot = 0.3048 meters
1 meter = 1,000 millimeters
1 meter = 100 centimeters
1 kilometer = 1,000 meters

Area

1 square foot = 144 square inches
1 square yard = 9 square feet
1 acre = 43,560 square feet

Volume

1 cup = 8 fluid ounces
1 quart = 4 cups
1 gallon = 4 quarts
1 gallon = 231 cubic inches
1 liter \approx 0.264 gallons
1 cubic foot = 1,728 cubic inches
1 cubic yard = 27 cubic feet
1 board foot = 1 inch by 12 inches by 12 inches

Rectangle

perimeter = $2(\text{length} + \text{width})$
area = $\text{length} \times \text{width}$

Rectangular Solid (Box)

volume = $\text{length} \times \text{width} \times \text{height}$

Cube

volume = $(\text{length of side})^3$

Triangle

sum of angles = 180°

area = $\frac{1}{2}(\text{base} \times \text{height})$

Circle

number of degrees in a circle = 360°

circumference $\approx 3.14 \times \text{diameter}$

area $\approx 3.14 \times (\text{radius})^2$

Cylinder

volume $\approx 3.14 \times (\text{radius})^2 \times \text{height}$

Cone

volume $\approx \frac{3.14 \times (\text{radius})^2 \times \text{height}}{3}$

The NCRC Components



SAMPLE APPLIED MATH ITEMS

LEVEL 3



LEVEL 4



LEVEL 5



LEVEL 6



LEVEL 7



<https://www.act.org/content/act/en/products-and-services/workkeys-for-job-seekers/preparation/applied-mathematics.html?page=0&chapter=0>

The NCRC Components



GRAPHIC LITERACY

Workplace graphics come in a variety of formats, but all communicate a level of information. From charts to graphs, diagrams to floor plans, identifying what information is being presented and understanding how to use it are critical to success. The Graphic Literacy assessment measures skills that individuals use when they read and comprehend graphical materials to solve work-related problems.

Number of Items: 38

Test Length

- 55 minutes (WorkKeys Internet Version and Paper)

The NCRC Components



SAMPLE GRAPHIC LITERACY ITEMS

LEVEL 3



LEVEL 4



LEVEL 5



LEVEL 6



LEVEL 7



<https://www.act.org/content/act/en/products-and-services/workkeys-for-job-seekers/preparation/locating-information.html?page=0&chapter=0>

The NCRC Components



WORKPLACE DOCUMENTS

Employees must be able to understand written text to do a job. The Workplace Documents assessment measures skills that individuals use when they read real workplace documents and use that information to make job-related decisions and solve problems. The documents include messages, emails, letters, directions, signs, bulletins, policies, websites, contracts, and regulations.

Number of Items: 35

Test Length

- 55 minutes (WorkKeys Internet Version and Paper)

The NCRC Components



SAMPLE WORKPLACE DOCUMENTS ITEMS

LEVEL 3



LEVEL 4



LEVEL 5



LEVEL 6



LEVEL 7



<https://www.act.org/content/act/en/products-and-services/workkeys-for-job-seekers/preparation/reading-for-information.html?page=0&chapter=0>

How do we Overcome this Deficit?



❖ AWARENESS

- Understanding what the WorkKeys and NCRC stands for.

❖ SEEING THE BIG PICTURE

- How prepared do you want to be for the career of your choice?

❖ PRACTICE

- Take advantage of free resources and also pay attention to the courses that already prepare you for your next journey.

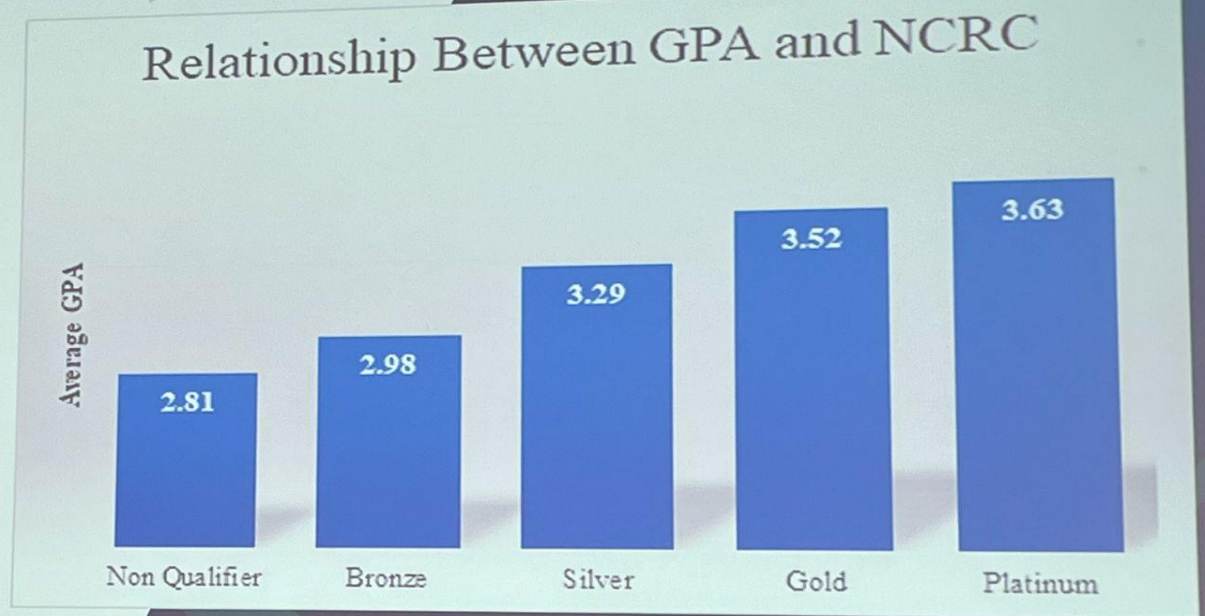
❖ VALUING RELEVANT SKILLS

- The NCRC measures basic, useful skills to perform at the next level of your career...are you ready?

Where GPA and NCRC Meet! (Data from AR)



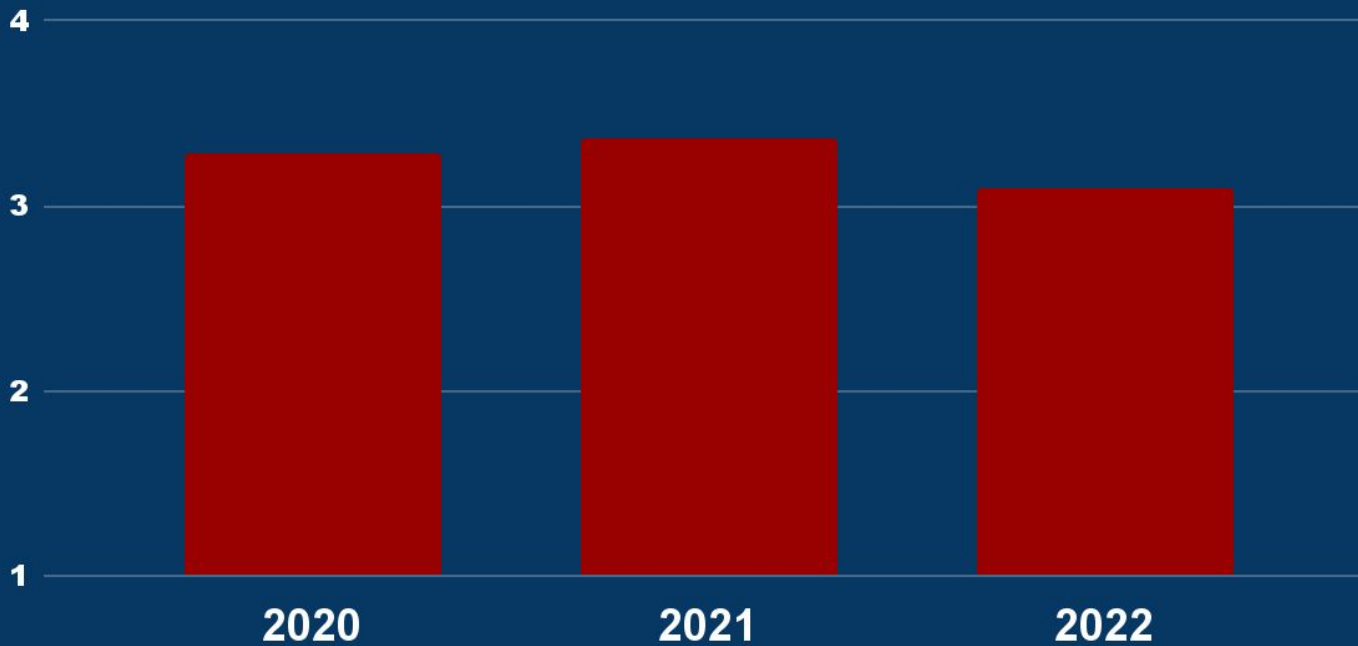
All correlations in the chart are statistically significant ($p < .01$) and indicate a moderate to strong positive relationship between the WorkKeys assessments and first-year college GPA.



How Do CHS GPA Trends and NCRC Correlate?



CHS Average GPA for NCRC Attainment



2020-2022

Class of 2020
3.29 Avg GPA

Class of 2021
3.37 Avg GPA

Class of 2022
3.10 Avg GPA

The Face of WorkKeys NCRC...



2020

The Face of WorkKeys NCRC...



2021

The Face of WorkKeys NCRC...



2022

The Face of WorkKeys NCRC...It can be



YOU™

2023

Did You Know that Some Colleges Offer CREDIT for the NCRC?



In 2019, the **American Council on Education (ACE)** recommended that colleges and universities in the lower-divisional baccalaureate/associate degree category, award 2 semester hours in quantitative analysis or introduction to organizational communication to students who earn a Gold or Platinum NCRC; in the vocational category, award 1 semester hour in quantitative analysis or introduction to organizational communication to students who earn a Silver NCRC.

SILVER NCRC RECIPIENTS

toward technical certification

OR

GOLD OR PLATINUM NCRC RECIPIENTS

toward associate's or bachelor's degrees

The National Career Readiness Certificate

IS

a

College **&** Career
Readiness
Assessment.

After all...why go to
college if you don't
want a career?



Remember!! The sky is the limit as to what you can become. Start building your pathway now!



Learn More & Get to Work!



[https://www.act.org/content/act/en/products-and-services/work
keys-for-job-seekers.html](https://www.act.org/content/act/en/products-and-services/work-keys-for-job-seekers.html)

Contacts



Sheila Smith, CCS Testing Coordinator ssmith@chickasawschools.com

Kay Lancaster, AP Curriculum & Testing klancaster@chickasawschools.com

Dr. Kristina Andrews, Curriculum kandrews@chickasawschools.com

Robbie Durr, CTE Coordinator/Counselor rdurr@chickasawschools.com

The Chickasaw City Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person(s) has been designated to handle inquiries regarding the non-discrimination policies:

Mrs. Jodie McPherson, Title IX Coordinator, 201 N. Craft Hwy, Chickasaw AL 36611
jmcpherson@chickasawschools.com