

Using ACT Data and Resources to Help Your Students Grow

Montana OPI Data & Assessment Conference

January 15, 2019

Introductions

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Director, State Services

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216.903.2922

Agenda

- ACT: Who are we?
- Reviewing 2018 Montana ACT data
- How can I use my data effectively?
- ACT Academy: free interactive resource
- Sharing best practices

Guiding Questions

- What am I currently doing with my school/district ACT data?
- How can students improve their scores?
- How can I integrate career/college planning into the fabric of my district or school?



ACT: Who Are We?

ACT is a mission-driven, nonprofit organization dedicated to helping people achieve education and workplace success. Headquartered in Iowa City, Iowa, ACT is trusted as a national leader in college and career readiness, providing high-quality assessments grounded in nearly 60 years of research. ACT offers a uniquely integrated set of solutions designed to provide personalized insights that help individuals succeed from elementary school through career.

Visit [ACT.org](https://www.act.org) to learn more.



**Follow us [@ACT](https://twitter.com/ACT) and
[@ACTStudent](https://twitter.com/ACTStudent).**

Mission-Driven

We create products that genuinely help our customers succeed.

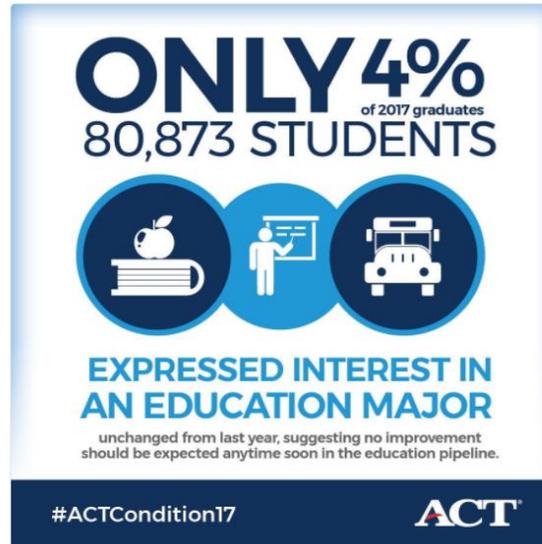
ACT @ACT · 1h
Introducing ACT Academy - a free, online tool to help students master the skills they need to improve their ACT scores and succeed in college and career. The ACT Academy will be available to students starting spring 2018. bit.ly/2sp4rvJ



Research-Based

We use data and research to drive policy, product and business decisions.

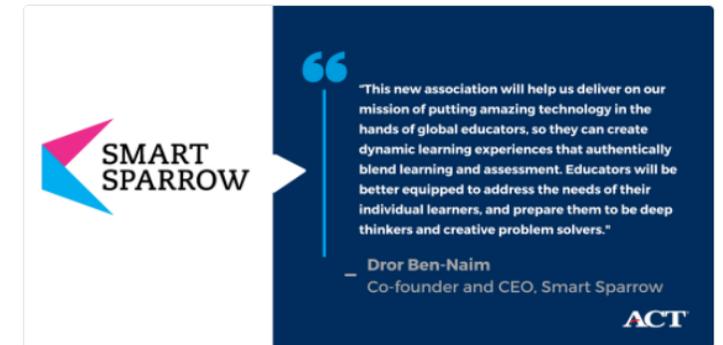
ACT @ACT Following
Only 4% of 2017 high school graduates expressed interest in an #education major: bit.ly/2CqrtDd #ACTCondition17 #ACTInsights



Nonprofit

We re-invest in research, programs and services to support our mission.

ACT @ACT Following
#ICYMI: We're now investing in @smart_sparrow, a leader in #adaptive and #personalizedlearning, to help more learners find their pathways to education and workplace success: bit.ly/2EUizTI



Students & Parents

ACT can help you plan your future, prepare for college and career, and achieve success.



Very proud of my daughter! Highest score obtainable on ACT Aspire in English!



K-12 Educators & Administrators

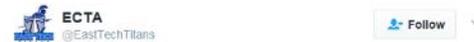
ACT helps you track student progress and prepare them for success through high school and beyond.



David Wiggins @EESPrincipal · 6 May 2014
So, Mrs. Collins' class...how was the Reading portion of the ACT Aspire? #ACTAspi

Postsecondary Professionals

ACT solutions can help you find, attract, place and retain students at your school.



C/O 2018 Enjoying a barbecue after taking the ACT test! ❤️ #Amazing #EastTechTitans @CCSDMagnet @CTEinCCSD #CCSDAchieves @ClarkCountySch 🎓🌟



Job Seekers & Employers

ACT workforce development solutions help job seekers, employers, and business leaders, achieve career and business goals.



Donna earned a @ACT WorkKeys NCRC, and will attend @GreatOaksEd for a career in healthcare. Congrats! @JaniceUrbanik



Montana ACT Team

Rose B. – works closely with OPI/OCHE in Montana and statewide contract

Jessica Eilertson – supports schools/districts with ACT data, programs, and resources

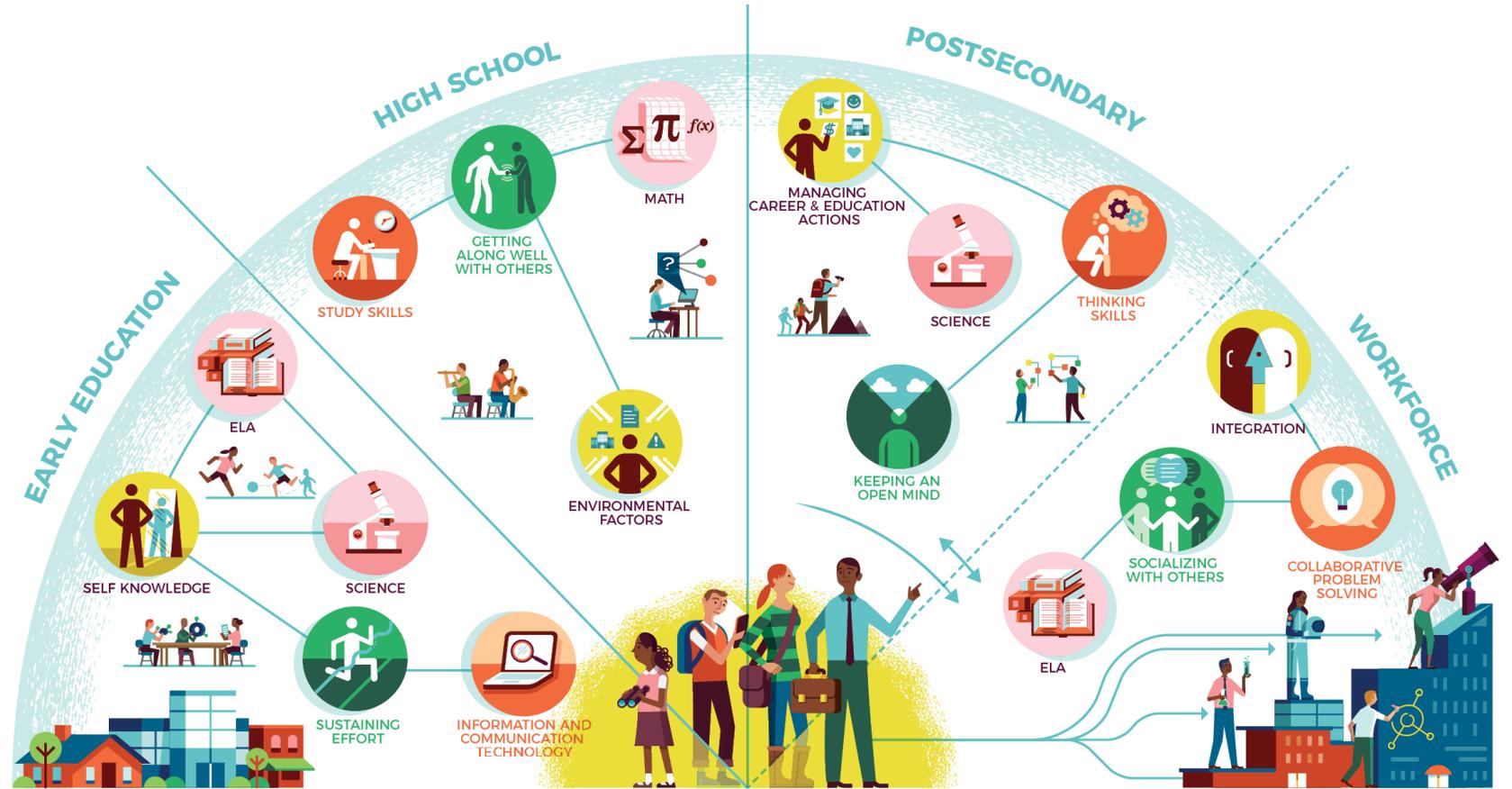
Savannah Schott – leads Montana ACT State Council and State Organization, free membership organization that connects educators and provides feedback to ACT

Cheri Tune – works with MT Work Ready Communities and ACT WorkKeys/NCRC

ACT Holistic Framework™

The holistic model of education and work success

- Cross-cutting capabilities
- Core Academic Skills
- Behavioral Skills
- Education & Career Navigation



Core Academic Skills

English Language Arts
Mathematics
Science

Cross-Cutting Capabilities

Information and Communication Technology
Collaborative Problem Solving
Thinking Skills
Learning Skills

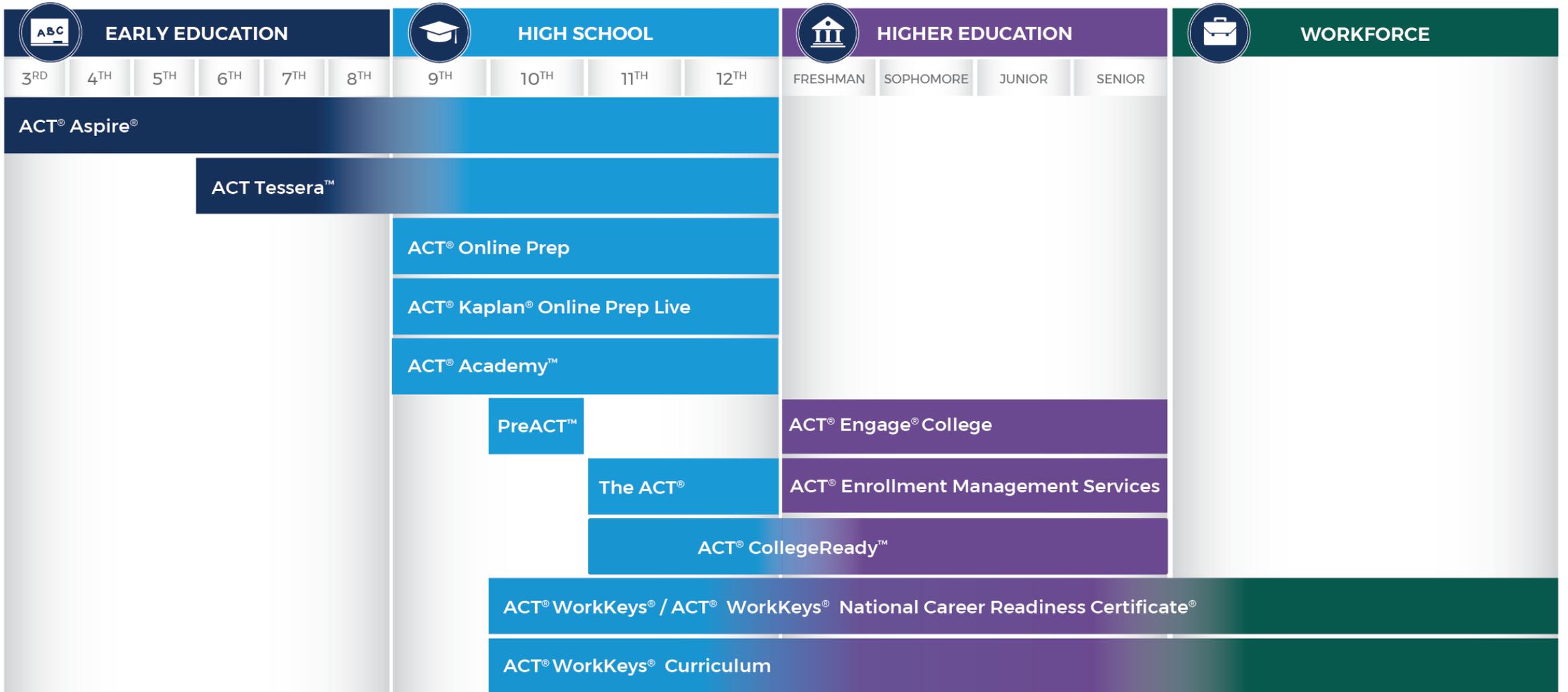
Behavioral Skills

Acting Honestly
Getting Along Well with Others
Keeping an Open Mind
Maintaining Composure
Socializing with Others
Sustaining Effort

Education & Career Navigation

Self Knowledge
Environmental Factors
Integration
Managing Career & Education Actions

ACT Product Portfolio



The ACT[®] test

Helps keep students on target for college while boosting their access and opportunities

- Multiple ways to offer to your students
- Use the valuable data to make informed curriculum decisions
- Helps guide your advising programs to prepare your students for career and college
- Provide access and opportunity for all your students, especially those that don't consider further education after high school

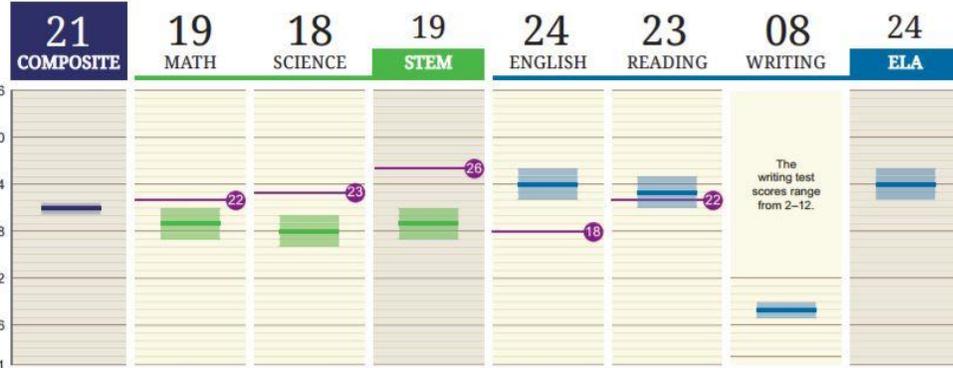
ANN C TAYLOR
7852 W 46TH ST APT 4
WHEAT RIDGE, CO 80033-0234

ACT ID: -54116290
GRADUATION YEAR: 2018
DOB: AUGUST 22, 1999
GENDER: FEMALE

TEST DATE: APRIL 2017 | NATIONAL
HIGH SCHOOL CODE: 061-450
WHEAT RIDGE SR HIGH SCHOOL



High School Report



Student's Score
 Student's Score
 Student's Score Range

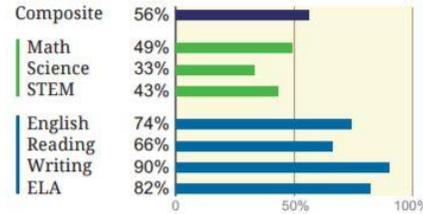
ACT College Readiness Benchmarks
 Readiness Benchmark
 If the student's score is at or above the Benchmark, he or she will likely be ready for first-year college courses in the corresponding subject area. There are currently no Benchmarks for ELA or writing.

Student's Score Range
 Test scores are estimates of the student's educational development. Think of true achievement on this test as being within a range that extends about one standard error of measurement, or about 1 point for the Composite and writing scores, and 2 points for STEM, ELA, and the other test scores, above and below the student's score.

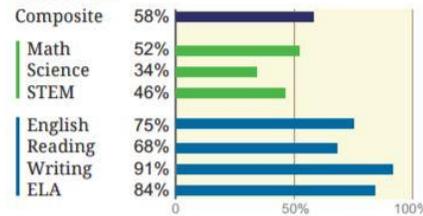
Ranking Results

The student's ranks tell you the approximate percentages of recent high school graduates in the US and your state who took the ACT® test and received scores that are the same as or lower than the student's scores. For example, a rank of 55 for the student's Composite score means 55% of students earned that Composite score or below.

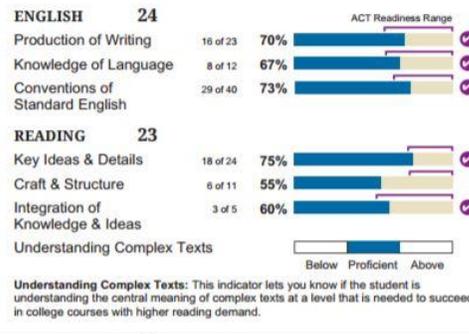
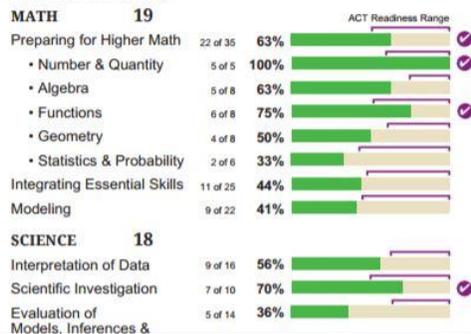
US Rank



State Rank



Detailed Results



Progress Toward the ACT National Career Readiness Certificate™

Based on the student's ACT Composite score, this indicator provides an early estimate of future achievement on the ACT National Career Readiness Certificate (ACT NCRC®). The ACT NCRC is an assessment-based credential that documents foundational work skills important for job success across industries and occupations. Visit workforce.act.org/credential to learn more.

The ACT measures what students learn in high school to determine their academic readiness for college.

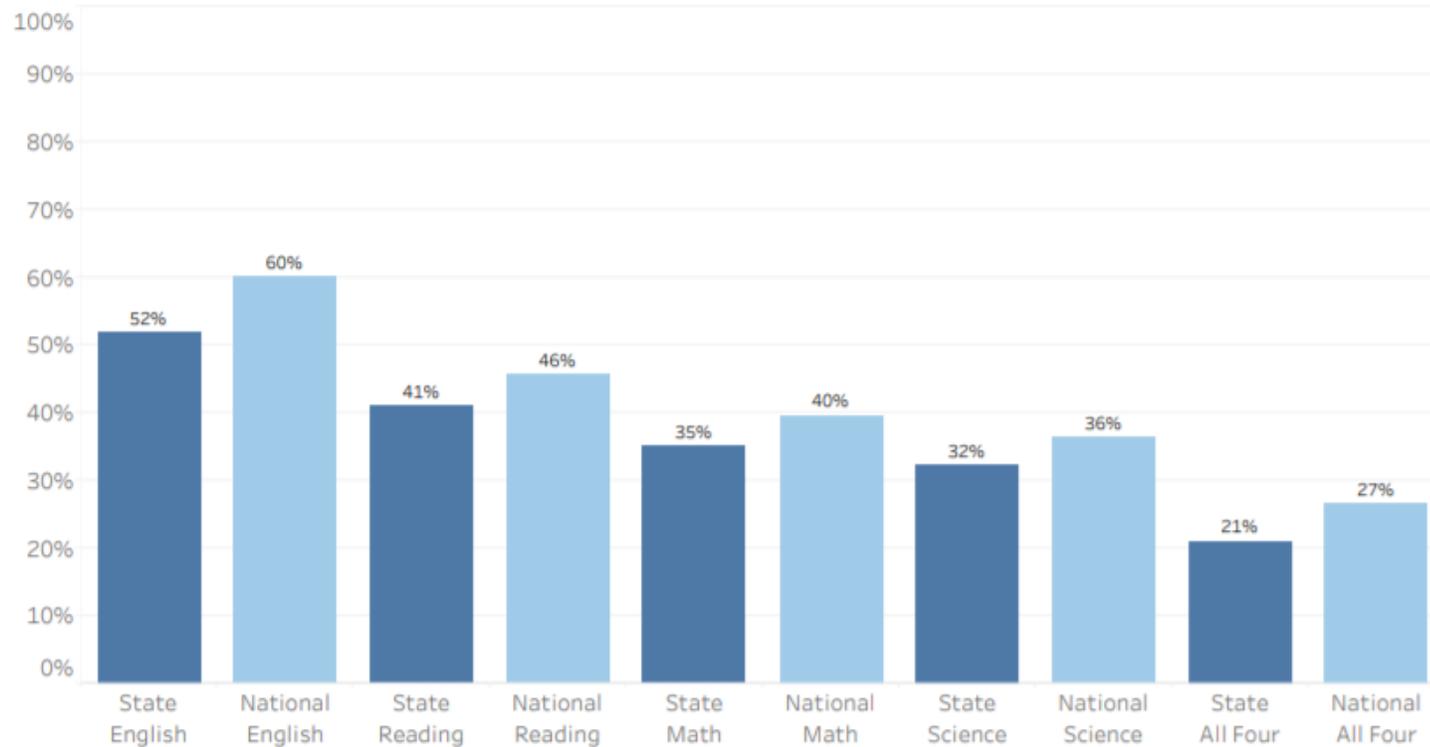
The Condition of College & Career Readiness 2018

Montana Key Findings

Performance

- In the 2018 Montana graduating class, 9,731 graduates (100 percent) took the ACT test with a Composite score average of 20.0. This compares to 9,611 (100 percent) with an average of 20.5 in 2014. Nationally, 55% of 2018 graduates took the ACT with an average Composite score of 20.8.

Percent of 2018 ACT-Tested High School Graduates Meeting ACT College Readiness Benchmarks* by Subject



**Montana
ACT Data –
Class of
2018**

Key Montana ACT Data

- 24% of students indicated an interest in STEM majors and/or careers
- Students who took the ACT two or more times: 23.3 average ACT score
 - 19.1 average – students who tested once
- 32% of students who registered with ACT fee waivers did not test
- Students sent 26,645 score reports to colleges and universities

Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

Year	Number of Students Tested		Percent Who Met Benchmarks									
	State	National	English		Mathematics		Reading		Science		Met All Four	
			State	National	State	National	State	National	State	National	State	National
2014	9,611	1,845,787	60	64	39	43	44	44	33	37	23	26
2015	9,489	1,924,436	57	64	41	42	44	46	36	38	24	28
2016	9,568	2,090,342	56	61	38	41	41	44	32	36	22	26
2017	9,938	2,030,038	55	61	37	41	44	47	33	37	22	27
2018	9,731	1,914,817	52	60	35	40	41	46	32	36	21	27

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
	State	National	English		Mathematics		Reading		Science		Composite	
			State	National	State	National	State	National	State	National	State	National
2014	9,611	1,845,787	19.3	20.3	20.5	20.9	21.1	21.3	20.4	20.8	20.5	21.0
2015	9,489	1,924,436	19.1	20.4	20.4	20.8	21.0	21.4	20.5	20.9	20.4	21.0
2016	9,568	2,090,342	19.0	20.1	20.2	20.6	20.8	21.3	20.5	20.8	20.3	20.8
2017	9,938	2,030,038	19.0	20.3	20.2	20.7	21.0	21.4	20.5	21.0	20.3	21.0
2018	9,731	1,914,817	18.7	20.2	19.9	20.5	20.7	21.3	20.0	20.7	20.0	20.8

ACT Profile Report

Table 2.1. ACT Score Distributions, Cumulative Percents (CP¹), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		STEM		ELA ²		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
36	44	100	12	100	58	100	23	100	4	100	10	100	0	100	36
35	122	99	30	99	115	99	49	99	24	99	21	99	6	100	35
34	87	98	47	99	125	98	25	99	43	99	39	99	16	99	34
33	65	97	44	99	239	97	84	99	75	99	55	99	39	99	33
32	65	97	82	99	198	94	95	98	95	98	79	99	59	99	32
31	133	96	67	98	205	92	62	97	119	98	84	98	73	99	31
30	107	95	79	97	223	90	106	97	137	96	121	97	96	98	30
29	81	94	163	96	177	88	128	95	166	95	157	96	124	97	29
28	163	93	245	95	113	86	160	94	193	93	180	94	151	95	28
27	176	91	300	92	247	85	203	92	280	91	273	92	192	94	27
26	132	89	457	89	258	83	248	90	297	88	369	90	207	91	26
25	328	88	419	84	518	80	547	88	393	85	466	86	297	89	25
24	432	85	594	80	339	75	596	82	410	81	565	81	341	86	24
23	507	80	519	74	699	71	812	76	584	77	594	75	411	82	23
22	401	75	344	69	479	64	506	68	650	71	576	69	488	77	22
21	752	71	486	65	745	59	858	63	614	64	593	63	529	72	21
20	483	63	363	60	482	51	489	54	664	58	675	57	583	66	20
19	491	58	596	56	505	46	898	49	741	51	801	50	667	59	19
18	481	53	665	50	747	41	800	39	762	44	871	42	662	51	18
17	508	48	1,139	43	452	33	480	31	755	36	879	33	615	44	17
16	751	43	1,421	32	745	29	678	26	680	28	794	24	589	37	16
15	772	35	905	17	384	21	587	19	634	21	630	16	555	30	15
14	733	27	558	8	367	17	316	13	574	15	439	9	475	24	14
13	462	20	133	2	510	13	325	10	430	9	275	5	464	19	13
12	419	15	34	1	304	8	201	7	281	4	136	2	419	13	12
11	460	11	15	1	260	5	160	5	95	1	29	1	287	9	11
10	234	6	8	1	101	2	203	3	16	1	13	1	205	5	10
9	202	4	1	1	76	1	44	1	10	1	2	1	116	3	9
8	89	1	1	1	30	1	30	1	5	1	4	1	95	2	8
7	36	1	2	1	3	1	8	1	0	1	1	1	38	1	7
6	11	1	2	1	11	1	4	1	0	1	0	1	15	1	6
5	3	1	0	1	10	1	1	1	0	1	0	1	4	1	5
4	1	1	0	1	2	1	4	1	0	1	0	1	1	1	4
3	0	1	0	1	2	1	1	1	0	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	1	1	0	1	0	1	0	1	0	1	1
Avg (SD)	18.7 (6.1)		19.9 (4.9)		20.7 (6.3)		20.0 (5.2)		20.0 (5.1)		20.2 (4.8)		18.6 (5.4)		Avg (SD)

Mathematics

29	81	94	163	96	177	88	128	95
28	163	93	245	95	113	86	160	94
27	176	91	300	92	247	85	203	92
26	132	89	457	89	258	83	248	90
25	328	88	419	84	518	80	547	88
24	432	85	594	80	339	75	596	82
23	507	80	519	74	699	71	812	76
22	401	75	344	69	479	64	506	68
21	752	71	486	65	745	59	858	63
20	483	63	363	60	482	51	489	54
19	491	58	596	56	505	46	898	49
18	481	53	665	50	747	41	800	39
17	508	48	1,139	43	452	33	480	31
16	751	43	1,421	32	745	29	678	26
15	772	35	905	17	384	21	587	19
14	733	27	558	8	367	17	316	13
13	462	20	133	2	510	13	325	10
12	419	15	34	1	304	8	201	7
11	460	11	15	1	260	5	160	5
10	234	6	8	1	101	2	203	3

Benchmark: 22
2,560 students scoring 16-17

Profile Report Table 2.1

ACT College Readiness Standards: www.act.org/standard

Mathematics Standards & Curriculum Review Worksheets

16-19	<p>N 301. Recognize one-digit factors of a number</p> <p>N 302. Identify a digit's place value</p> <p>N 303. Locate rational numbers on the number line</p> <p><i>Note: A matrix as a representation of data is treated here as a basic table.</i></p>
20-23	<p>N 401. Exhibit knowledge of elementary number concepts such as rounding, the ordering of decimals, pattern identification, primes, and greatest common factor</p> <p>N 402. Write positive powers of 10 by using exponents</p> <p>N 403. Comprehend the concept of length on the number line, and find the distance between two points</p> <p>N 404. Understand absolute value in terms of distance</p> <p>N 405. Find the distance in the coordinate plane between two points with the same x-coordinate or y-coordinate</p> <p>N 406. Add two matrices that have whole number entries</p>

22

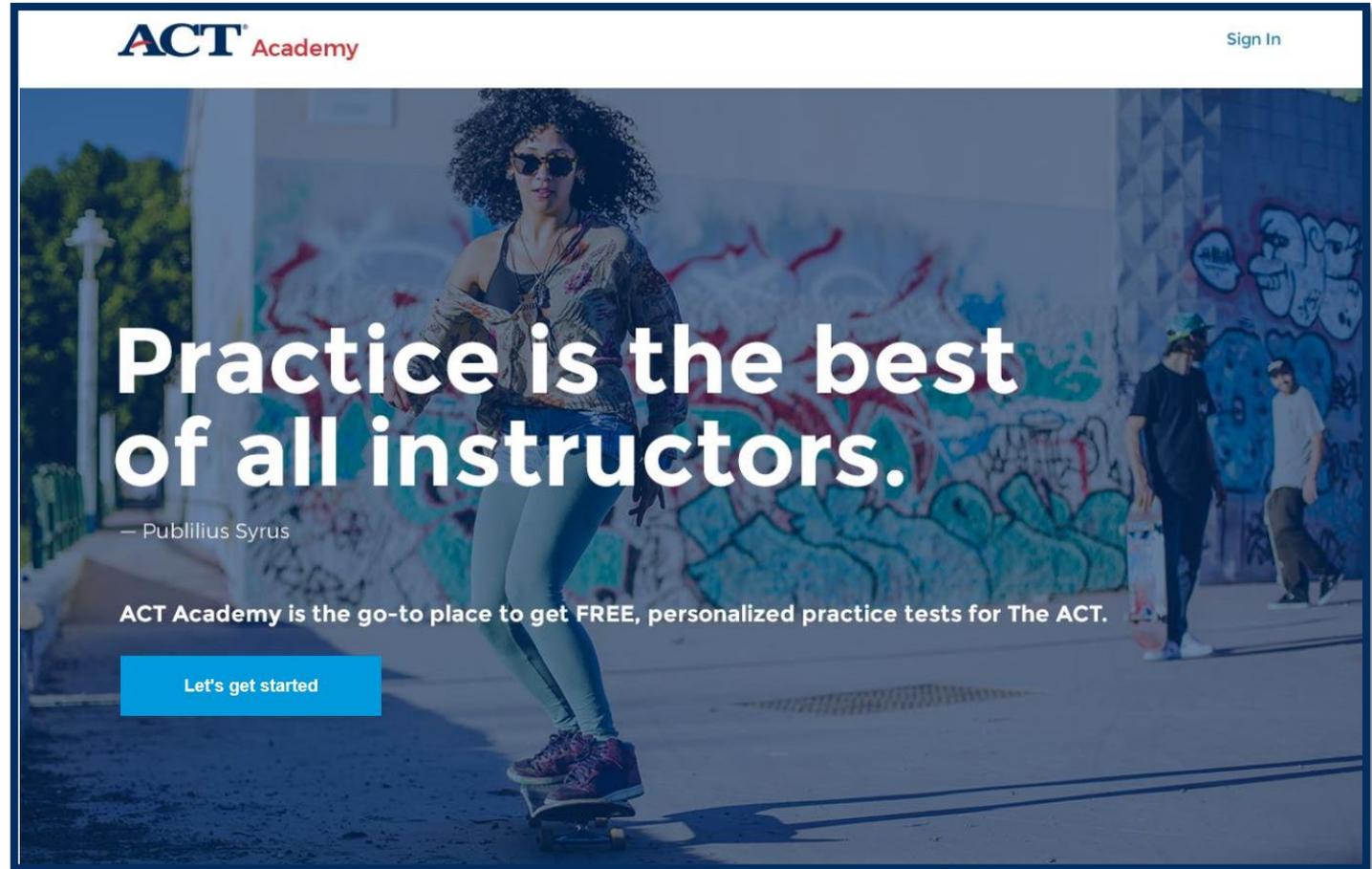
THE ACT COLLEGE READINESS BENCHMARK FOR MATHEMATICS IS 22.

Students who achieve this score on the ACT Mathematics Test have a 50% likelihood of achieving a B or better in a first-year College Algebra course at a typical college. The knowledge and skills highly likely to be demonstrated by students who meet the Benchmark are shaded.

ACT Academy



ACT[®] Academy[™] FREE Online Learning Solution



The screenshot shows the ACT Academy website homepage. At the top left is the ACT Academy logo, and at the top right is a 'Sign In' link. The main visual is a woman with curly hair and sunglasses skateboarding in a graffiti-covered urban setting. Overlaid on this image is the text 'Practice is the best of all instructors.' attributed to '— Publilius Syrus'. Below this is a statement: 'ACT Academy is the go-to place to get FREE, personalized practice tests for The ACT.' and a blue button that says 'Let's get started'.

ACT Academy

Sign In

Practice is the best
of all instructors.

— Publilius Syrus

ACT Academy is the go-to place to get FREE, personalized practice tests for The ACT.

Let's get started

ACT Academy

The most comprehensive repository of free educational resources, all in one place

- Matches content to each students' needs, providing remediation and mastery of subject areas
- The best instructional content from top providers:
 - Khan Academy (all content)
 - GeoGebra
 - Crash Course
 - Flocabulary
 - Gynzy
 - PowerUp What Works
 - NASA
 - PBS
 - Splash Math
 - Flocabulary
 - Brainquake
 - 25,000+ sources!

ACT Academy

- Personalized, self-guided plan based on their test results from the PreACT, ACT, or official ACT practice tests available directly on ACT Academy.
- Students will also be able to take a full-length ACT test
- Access to educational videos, games, activities, quizzes, lesson plans, and assignments
- Online and easy to use with the flexibility on how and when they prepare for the ACT
- Tips and Strategies for taking the ACT exam
- Blended classroom environment for educators
- Robust classroom reporting that pinpoints areas of need across groups.

ACT Academy

Student Dashboard

ACT Academy Dashboard Progress Resources Tips & Strategies FAQs Sarah

Test day will be here before you know it.

Keep up the good work!

Math

Overall Math Mastery

Take these math quizzes to see what you already know.

Explore Math

6 Quizzes Completed →

72	75	80	86	92	96
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Science

Overall Science Mastery

Nailed it!

Explore Science

4 Quizzes Completed →

72	80	86	92
----	----	----	----

English

Overall English Mastery

Keep practicing!

Explore English

2 Quizzes Completed →

72	80
----	----

Reading

Overall Reading Mastery

You got this, just a little more practice needed.

Explore Reading

2 Quizzes Completed →

72	80
----	----

Practice makes perfect

Based on the quizzes you've completed, we recommend practicing 30 minutes per day, 5 days per week, for 6 weeks. Customize your practice for email reminders and a practice schedule that fits your life.

Customize your practice

Practice for Today ⌚ 30 minutes

Math: Preparing for Higher Math

VIDEO

VIDEO

You Try

Equation: $14x + 3y = 12$

VIDEO

VIDEO

You Try

Equation: $14x + 3y = 12$

ACT Academy

Student Dashboard

ACT Academy | Dashboard | Progress | Resources | Tips & Strategies | FAQs | Sarah

You have 2 stars in Math overall. Let's break it down.

Preparing for Higher Math ★ ★ ☆ Mastery Level Get Resources	Number & Quantity ★ ☆ ☆ Mastery Level Get Resources	Algebra ☆☆☆ Mastery Level Take Quiz Get Resources	Functions ★ ☆ ☆ Mastery Level Get Resources
Statistics & Probability ★ ★ ☆ Mastery Level Get Resources	Integrating Essential Skills ★ ★ ★ Mastery Level Get Resources	Modeling ★ ☆ ☆ Mastery Level Get Resources	Geometry ★ ☆ ☆ Mastery Level Get Resources

Already taken the ACT Test once and practicing for round two? [Enter your scores](#) and skip these quizzes.

Practice makes perfect

Based on the quizzes you've completed, we recommend practicing 30 minutes per day, 5 days per week, for 6 weeks. Customize your practice for email reminders and a practice schedule that fits your life.

[Customize your practice](#)

▼ Practice for Today ⌚ 30 minutes

Math: Preparing for Higher Math

Enter your ACT or PreACT test scores

Review the Detailed Results section of your ACT or PreACT student score report and enter the percentages below. We'll use this information to give you the practice items you need the most.

Math

- % Preparing for Higher Math
- % Number & Quantity
- % Algebra
- % Functions
- % Geometry
- % Statistics & Probability
- % Integrating Essential Skills
- % Modeling

Science

- % Interpretation of Data
- % Scientific Investigation
- % Evaluation of Models

English

- % Production of Writing
- % Knowledge of Language
- % Conventions of Standard English

Reading

- % Key Ideas & Details
- % Craft & Structure
- % Integration of Knowledge & Ideas

Understanding Complex Texts

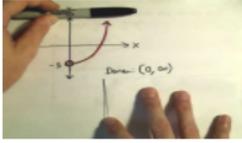
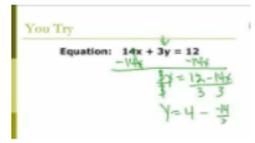
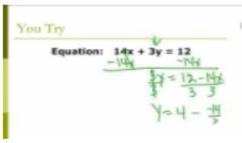
- Below
- Proficient
- Above

ACT Academy

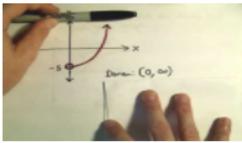
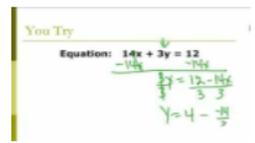
Prep Based on Test Results

Practice for Today (about 30 minutes)

Math: Preparing for Higher Math

<p>VIDEO</p>  <p>Finding Domain and Range of a Function Using a Graph</p> <p>Length: 5:48</p> <p>PatrickJMT</p>	<p>VIDEO</p>  <p>Function Notation</p> <p>Length: 20:33</p> <p>TeacherTube Math</p>	<p>VIDEO</p>  <p>Introduction to Relations and Functions</p> <p>Length: 11:02</p> <p>Mathispower4u</p>	<p>VIDEO</p>  <p>Function Notation</p> <p>Length: 20:33</p> <p>TeacherTube Math</p>	<p>✓</p> <p>Check Your Knowledge</p> <p>Take a short quiz to see how much you've learned.</p> <p>Start Quiz</p>
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Science: Scientific Investigation

<p>VIDEO</p>  <p>Finding Domain and Range of a Function Using a Graph</p> <p>Length: 5:48</p> <p>PatrickJMT</p>	<p>VIDEO</p>  <p>Function Notation</p> <p>Length: 20:33</p> <p>TeacherTube Math</p>	<p>VIDEO</p>  <p>Introduction to Relations and Functions</p> <p>Length: 11:02</p> <p>Mathispower4u</p>	<p>✓</p> <p>Check Your Knowledge</p> <p>Take a short quiz to see how much you've learned.</p> <p>Start Quiz</p>
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ACT Academy

Recommended Content

Test day will be here before you know it.

Keep up the good work!

Math



Overall Math Mastery

Take these math quizzes to see what you already know.

Explore Math



Science



Overall Science Mastery

Nailed it!

Explore Science

6 Quizzes Completed →



English

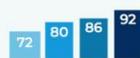


Overall English Mastery

Keep practicing!

Explore English

4 Quizzes Completed →



Reading



Overall Reading Mastery

You got this, just a little more practice needed.

Explore Reading

2 Quizzes Completed →



ACT Academy

Test Remediation Based on Reporting Category Quizzes

ACT Academy

Sample Assessment Item

ACT Algebra / Coordinate Geometry Assessment

Exit

Previous

Next

Question 1 of 8

A function $f(x)$ is defined as $f(x) = -8x^2$. What is $f(-3)$?

Select correct answer

-72

72

192

-576

576

ACT Academy

Recommended Content

Exit Previous Next

Question 1 of 8

A function $f(x)$ is defined as $f(x) = -8x^2$. What is $f(-3)$?

Your answer is incorrect

- 72
- 72
- 192
- 576
- 576

Practice these items to master this skill!

VIDEO

Finding Domain and Range of a Function Using a Graph

Length: 5:48
By: PatrickJMT

VIDEO

Function Notation

Length: 20:33
By: TeacherTube Math

VIDEO

Introduction to Relations and Functions

Length: 11:02
By: Mathispower4u

ACT Academy

Blended Classroom Environment



The screenshot shows the 'Assignments for 3rd Grade Math' page. At the top, there are navigation tabs for 'Mastery', 'Assignments', 'Roster', and 'Resource Library'. Below this is a dark blue header with the title 'Assignments for 3rd Grade Math' and the subtitle 'Build your own assignments, homework, and assessments, or use our recommended lesson plans.' There are two tabs, 'Assignments' and 'Lesson Plans', with 'Assignments' selected. Below the tabs are utility links: 'New Assignment', 'Make Announcement to Class', 'Comments ON', and 'Copy link'. The main content area displays a list of assignments. The first assignment is 'Finding Domain and Range of a Function Using a Graph', which is categorized as 'VIDEO', 'HOMEWORK', and 'ASSESSMENT'. Each assignment card includes a thumbnail image, the title, standards (3), grades (8-12), efficacy (61%), length (5:48), and author (PatrickJMT). There are also icons for sharing, favoriting, and deleting. The page also shows two more assignment cards below, each with a right-pointing arrow next to the title. At the bottom, there is a footer with the ACT Academy logo, copyright information (©2018 by ACT, Inc.), and social media icons for Facebook, Twitter, LinkedIn, Instagram, and YouTube.

USE IT

ACT Academy is designed to integrate easily with your existing learning management system. Teachers can assign ACT Academy homework content and quizzes to students.

ACT Academy

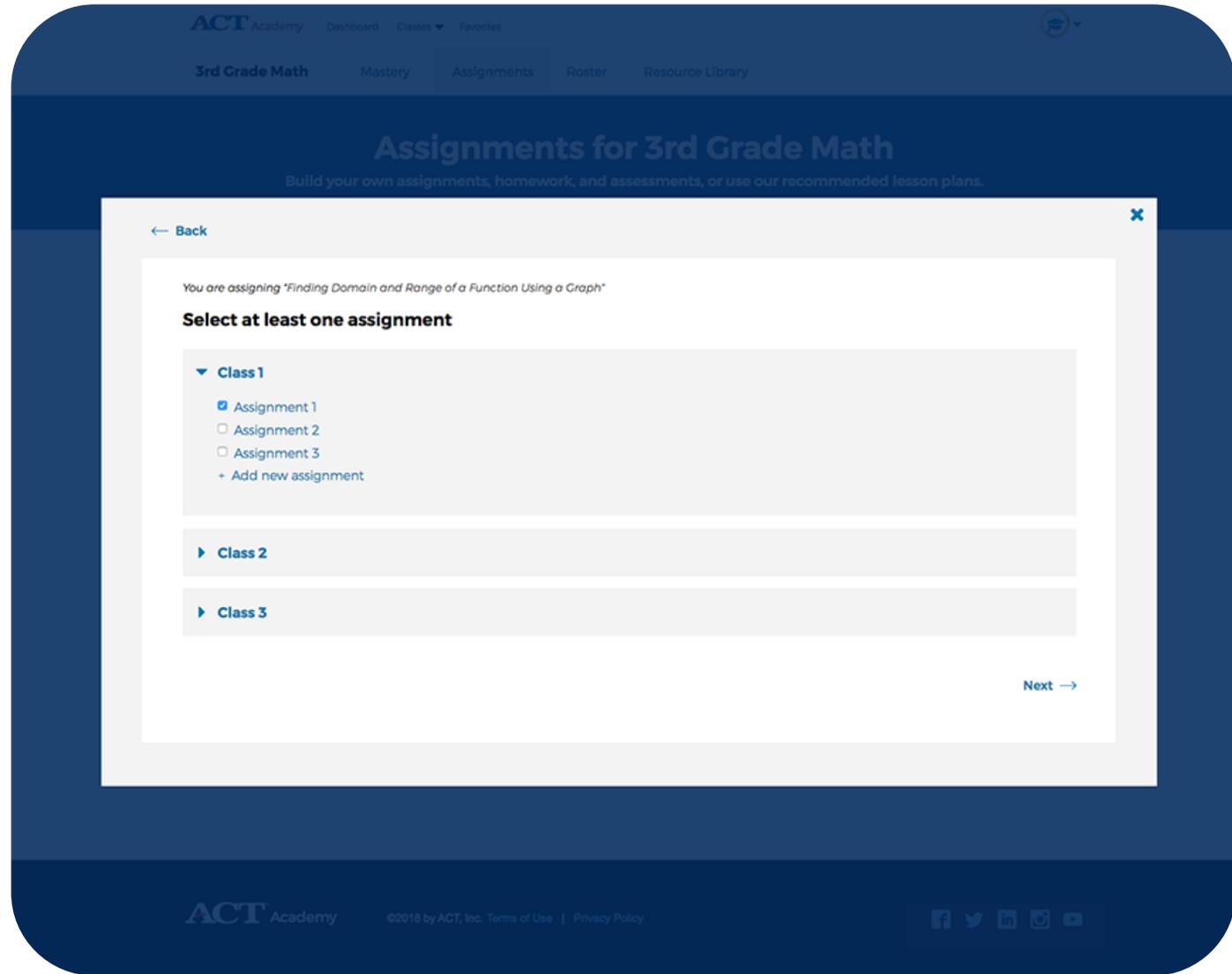
Blended Classroom Environment



The screenshot displays the ACT Academy web interface. At the top, there is a navigation bar with the ACT Academy logo and links for Dashboard, Classes, Favorites, 3rd Grade Math, Mastery, Assignments, Roster, and Resource Library. The main heading is "Assignments for 3rd Grade Math" with a subtext: "Build your own assignments, homework, and assessments, or use our recommended lesson plans." A modal window is open, titled "← Back" and "×". Inside the modal, it says "You are assigning 'Finding Domain and Range of a Function Using a Graph'". Below this, it prompts "Select at least one student". There are three class sections: "Class 1" (expanded) showing 16 student selection checkboxes, "Class 2" (collapsed), and "Class 3" (collapsed). An "Unselect All" checkbox is located to the right of the Class 1 section. An "Assign →" button is at the bottom right of the modal. The footer of the page includes the ACT Academy logo, copyright information "©2018 by ACT, Inc. Terms of Use | Privacy Policy", and social media icons for Facebook, Twitter, LinkedIn, Instagram, and YouTube.

ACT Academy

Blended Classroom Environment



ACT Academy

Blended Classroom Environment



The screenshot shows the 'Assignments for 3rd Grade Math' page in the ACT Academy interface. At the top, there is a navigation bar with 'ACT Academy' on the left, 'Dashboard', 'Classes', and 'Favorites' in the center, and a user profile icon on the right. Below this is a secondary navigation bar with '3rd Grade Math', 'Mastery', 'Assignments' (highlighted), 'Roster', and 'Resource Library'. The main header area is dark blue with the title 'Assignments for 3rd Grade Math' and the subtitle 'Build your own assignments, homework, and assessments, or use our recommended lesson plans.' Below the header are two tabs: 'Assignments' (active) and 'Lesson Plans'. The main content area is light blue and contains a form for creating an assignment. It has a title field 'Assignment Name', three dropdown menus for 'Assign on: Select', 'Assign to: Select', and 'Due date: Select', and a settings gear icon. A large white box in the center contains a plus sign and the text 'ADD Resources Homework or assessment Or choose a Lesson Plan'. The footer is black and contains the 'ACT Academy' logo, copyright information '©2018 by ACT, Inc. Terms of Use | Privacy Policy', and social media icons for Facebook, Twitter, LinkedIn, Instagram, and YouTube.

ACT Academy

Blended Classroom Environment



ACT Academy Dashboard Classes Favorites

3rd Grade Math Mastery Assignments Roster Resource Library

Assignments for 3rd Grade Math

Build your own assignments, homework, and assessments, or use our recommended lesson plans.

Assignments Lesson Plans

Create your first assignment!

This will create an assignment within Class Name. After the assignment is created, you will be able to add resources and manage students and due dates.

Enter Assignment Name

Create

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Facebook Twitter LinkedIn Instagram YouTube

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Assign Homework and Quizzes

ACT Academy Dashboard Classes Favorites

3rd Grade Math Mastery Assignments Roster Resource Library

Assignments for 3rd Grade Math

Build your own assignments, homework, and assessments, or use our recommended lesson plans.

Assignments Lesson Plans

New Assignment Make Announcement to Class Comments ON Copy link

Assignment Name

Assigned on: June 23, 2018 3:00 PM Assigned to: Entire Class Due date: Jun 29, 2018 11:00 PM

VIDEO HOMEWORK ASSESSMENT

Finding Domain and Range of a Function Using a Graph

Standards: 3 Crades: 8-12 Efficacy: 61% Length: 5:48 By: PatrickJMT

+ ADD Resources Homework or assessment

Assignment Name Assigned on: June 23, 2018 3:00 PM Assigned to: Entire Class Due date: Jun 29, 2018 11:00 PM

Assignment Name Assigned on: June 23, 2018 3:00 PM Assigned to: Entire Class Due date: Jun 29, 2018 11:00 PM

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f t in i y

Review Assignment Details

See quickly, date assigned, due dates and who assignments were given to

Quickly Add Assignments

ACT Academy

Blended Classroom Environment



ACT Academy Dashboard Classes Favorites

3rd Grade Math Mastery Assignments Roster Resource Library

3rd Grade Math Mastery Chart

Get a bird's-eye view of assessment, homework, and voluntary resources.

View by... Sort by... Add Students Invite Parents Send Message to Students

Averages	Class Average	Billy	David	Emily	Emma	Hugh	Jude	Kate
Assessments Average	77%	77%	77%	77%	77%	77%	77%	77%
Homework Average	77%	77%	77%	77%	77%	77%	77%	77%
Assessments and Homework								
RESOURCE Examples of evaluating variable expressions Introduction to algebra Algebra I Khan Academy	77%	1	0	0	0	1	1	2
RESOURCE Dividing whole numbers and fractions: t-shirts	77%	0	1	1	2	0	0	1
HOMEWORK 6.EE.2: Write, read, and evaluate expressions in which letters...	77%	77%	77%	77%	77%	77%	77%	77%
ASSESSMENT Exponents & Variables	77%	77%	77%	77%	77%	77%	77%	77%
Voluntary Resources								

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Facebook Twitter LinkedIn Instagram YouTube

USE IT

Students complete assignments, and their individual performance and progress appears on a mastery chart.

Review voluntary content students are accessing.

ACT Academy

Blended Classroom Environment



ACT Academy Dashboard Classes Favorites

3rd Grade Math Mastery Assignments Roster Resource Library

3rd Grade Math Mastery Chart

Get a bird's-eye view of assessment, homework, and voluntary resources.

View by... Sort by... Add Students Invite Parents Send Message to Students

Averages	Class Average	Billy	David	Emily	Emma	Hugh	Jude	Kate
Assessments Average	77%	77%	77%	77%	77%	77%	77%	77%
Homework Average	77%	77%	77%	77%	77%	77%	77%	77%
Assessments and Homework								
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HOMEWORK 6.EE.2: Write, read, and evaluate expressions in which letters...	77%	77%	77%	77%	77%	77%	77%	77%
ASSESSMENT Exponents & Variables	77%	77%	77%	77%	77%	77%	77%	77%
Voluntary Resources								

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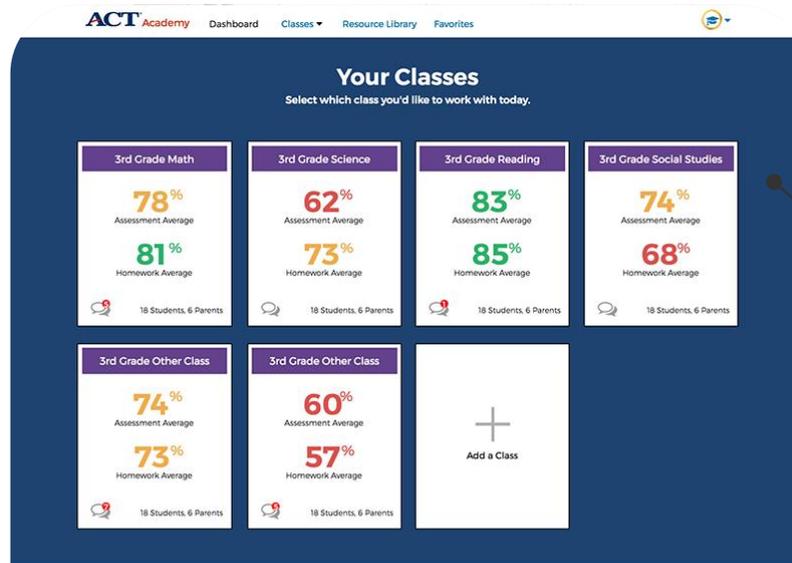
f t in ig y

Results reported instantly

As students complete assignments and quizzes you will receive scores back automatically in a mastery chart

ACT Academy

Classroom Instant Reports

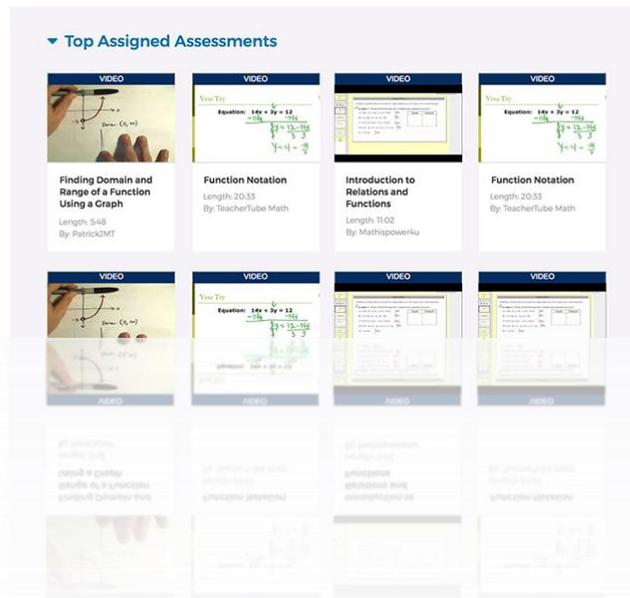


How the class is performing

Get a better understanding of your class is mastering concepts.

Featured Resources Just for You

We've selected resources just for you based on your classes. If you see something you like be sure to add it to your favorites.



USE IT

Educators can track students' progress, receive detailed results, and assign further resources recommended by ACT Academy and tailored to students' areas of need.

ACT Academy

Classroom Detailed Reports

Assessment: **Exponents & Variables**

Math - Grade 6's average: 70% Assessment mastery: 80% Assessment near mastery: 60%

Assessment questions and Math - Grade 6's answers	Remedial resources
<p>Question 1 of 5 Free Response</p> <p>If $a = -2$ and $b = -4$, what is the value of the expression: $a^3 - 3b^2 + ab + 7$?</p> <p>Correct answers</p> <p>-41</p> <p>-41</p> <p>Rationale</p> <p>$a^3 = -8, 3b^2 = +48, ab = +8, -8 - (48) + 8 + 7$</p> <p>80% of your students answered this question correctly.</p>	<p>Evaluating exponential expressions 2 Introduction to algebra Algebra 1 Khan Academy Khan Academy ★★★★★ Assign to Students</p> <p>Evaluating Polynomials Textbook Tactics Textbook Tactics ★★★★★</p> <p>Evaluating Expressions Khan Academy Khan Academy ★★★★★</p> <p>Evaluating Expressions Khan Academy Khan Academy ★★★★★</p>
<p>Question 2 of 5 Free Response</p> <p>If $x = -5$ and $y = 3$, what is the value of the expression: $x - y^2 + 7$?</p> <p>Correct answers</p> <p></p>	

Assign to 2 Students **Assign to classes**

Enter student name Search

Select All | Unselect All [Assign](#)

- David
- Emma
- Hugh
- ✓ Keira
- Natalie
- ✓ Orlando

Detailed class reports

Get a closer look at how your class performed on the homework and quizzes you assign.

Students Assigned

See students included on the assignment

ACT Academy

Classroom Detailed Reports

Homework: **6.NS.2: Fluently divide multi-digit numbers using the standard...**

Best Score:
Started: Mar 24, 2016 3:59 PM
Finished: a few seconds later
[View all attempts](#)

Keira's result: **55%** Class Average: **79%**

Homework questions and Keira's answers	Remedial resources												
<p>Question 1 of true Multiple Choice(Multiple Correct Answers)</p> <p>Isabelle's school had 3510 desks that needed to be placed in different classrooms. If all the classrooms used MUST have the same number of desks in them, which of the following number(s) of classrooms could receive desks? Choose all that apply.</p> <p>Answer options</p> <table border="1"><tr><td></td><td>Text: 5 classrooms</td><td>Rationale:</td></tr><tr><td colspan="3">Answer is correct Edit Result</td></tr><tr><td></td><td>Text: 10 classrooms</td><td>Rationale:</td></tr><tr><td></td><td>Text: 20 classrooms</td><td>Rationale: 20 does not go into 3510 evenly.</td></tr></table> <p>Answer is incorrect</p>		Text: 5 classrooms	Rationale:	Answer is correct Edit Result				Text: 10 classrooms	Rationale:		Text: 20 classrooms	Rationale: 20 does not go into 3510 evenly.	<p>Assign All to Keira</p> <p> The Steps to Long Division TheAnimatedClassroom ★★★★☆ Assign to Keira</p> <p> Khan Academy Video on the Standard Algorithm for Division Khan Academy ★★★★☆ Assign to Keira</p>
	Text: 5 classrooms	Rationale:											
Answer is correct Edit Result													
	Text: 10 classrooms	Rationale:											
	Text: 20 classrooms	Rationale: 20 does not go into 3510 evenly.											

Recommended Resources

Resources based on student's areas of need.



Detailed student reports

Get a closer look at how your student performed on the homework and quizzes you assign.

Let your voice be heard: ACT State Organizations

Mission: *Building a community of educators who help people achieve education and workplace success*

11,800+ members representing the K-Career continuum

Free to join – no obligations

Receive invitations to professional development events, webinars, and participate in outreach activities

Join at www.act.org/stateorgs/membership

ACT[®] State
Organizations

Montana ACT Council

Building a community of educators and workplace professionals using ACT products, data, and research to help Montana students achieve academic and workplace success.

Montana ACT Toolkit:

<http://bit.ly/18-19-MT-SO-Toolkit>

Webinar overview: February 14, 9:00 - 9:30amMT

Join us for your invitation!

www.act.org/stateorgs/membership



Are you driven and an ardent advocate of ACT's mission? Contact Savannah Schott, Northwest District Manager, about joining the Montana ACT Council. Savanah.Schott@act.org

ACT Knowledge Hub

<https://knowledge.act.org>

- Can sort content by:
 - K-12 District/Building Leaders
 - Test Coordinators/Accoms Coordinators
 - School counselors
 - Teachers
- Sample student/school ACT score reports
- College & Career Readiness Standards
- Curriculum Review Worksheets
- Webinars for teachers – sharing ACT results
- Infographics/one-pagers to share pre- and post-ACT administration

Sharing

- What are your best practices?
- What do you do when you receive your ACT data?
- How do you encourage students to improve their scores?
- How do you improve students to utilize free/low-cost resources, fee waivers, etc.?

ACT Contact Information

ACT-hosted State Testing Website:

<http://www.act.org/stateanddistrict/montana>

Department

Phone

Email

Test Administration

800-553-6244 ext **2800**

www.act.org/stateanddistrict/contactus

Accommodations and
Supports

800-553-6244 ext **1788**

ACTStateAccoms@act.org

Thank you!

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Jessica.Eilertson@act.org

Savannah Schott (Montana ACT State Organization):
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