



EdReady Montana

Ryan Schrenk, Ed. D. – OPI Data Assessment Conference – January 2020

Updated 1/14/20



About Montana Digital Academy

2009: Legislation to create MTDA

- Supplemental online programs
- For public school students

2010: First classes offered

- Montana teachers
- Array of supplemental offerings

2011: Launched statewide credit recovery program

- Content area coaches/team with local site
- Core high school classes

2013: EdReady Pilot in Montana

- One of five states with 4 local schools
- Success with incoming freshmen @ UM

EdReady

MONTANA



MONTANA DIGITAL ACADEMY

EdReady Montana: Background & History

2013: Pilot - continued

- One of five states with 4 local schools

2014: Originally funded for 3 years

- Field test and roll out of math

February 2017: 5 years of continued funding

- Continued support and **expansion for math**
- Career Prep
- **Pilot, field test and roll-out English**

Different from MTDA essential programs

- Non credit-bearing
- Privately funded
- Local implementation support



What EdReady/EdReady Montana Is

EdReady is an online math & English resource

- Online
- Initial Diagnostic
- Learning Resources
- Mastery Tests
- Personalized Study Path
- Powerful Reporting and Tracking
- Grade 4 to College in Math
- Grade 9 to College in English

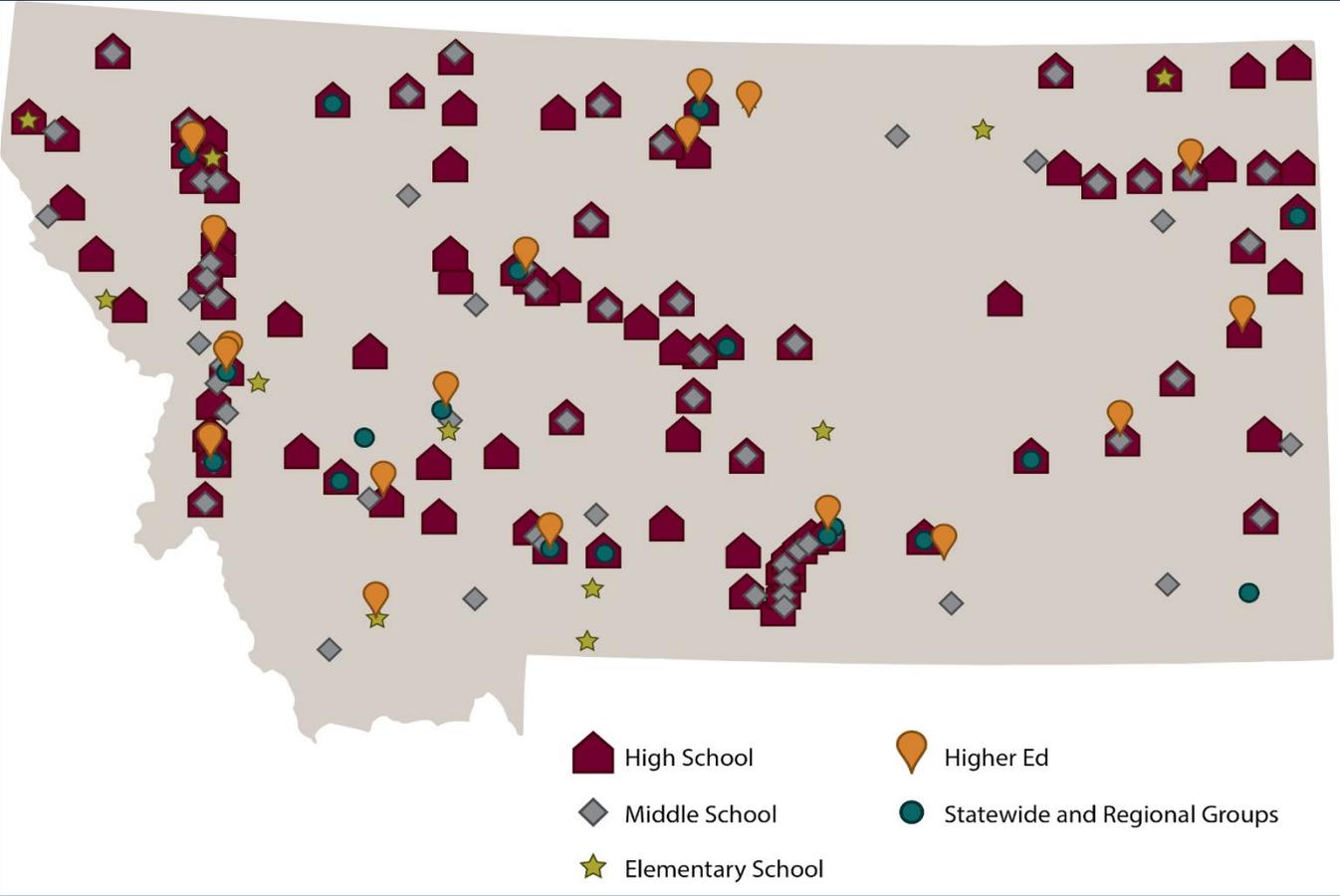


Who We Serve

Over 500
affiliations

Over 130,000
student
enrollments

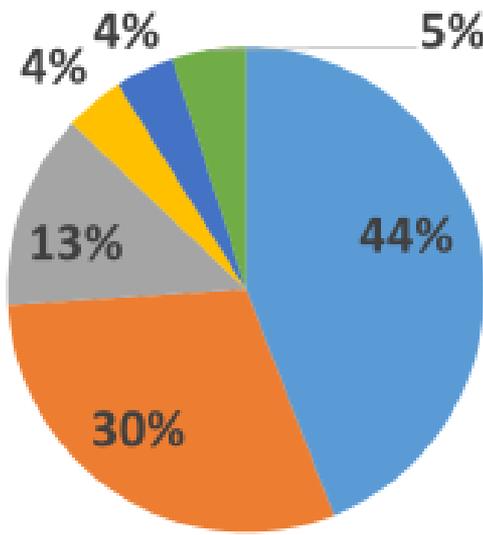
6000+ active
students/month



EdReady Montana 30 Day Logins



Breakdown of 30 Day Logins (Feb 8, 2019)



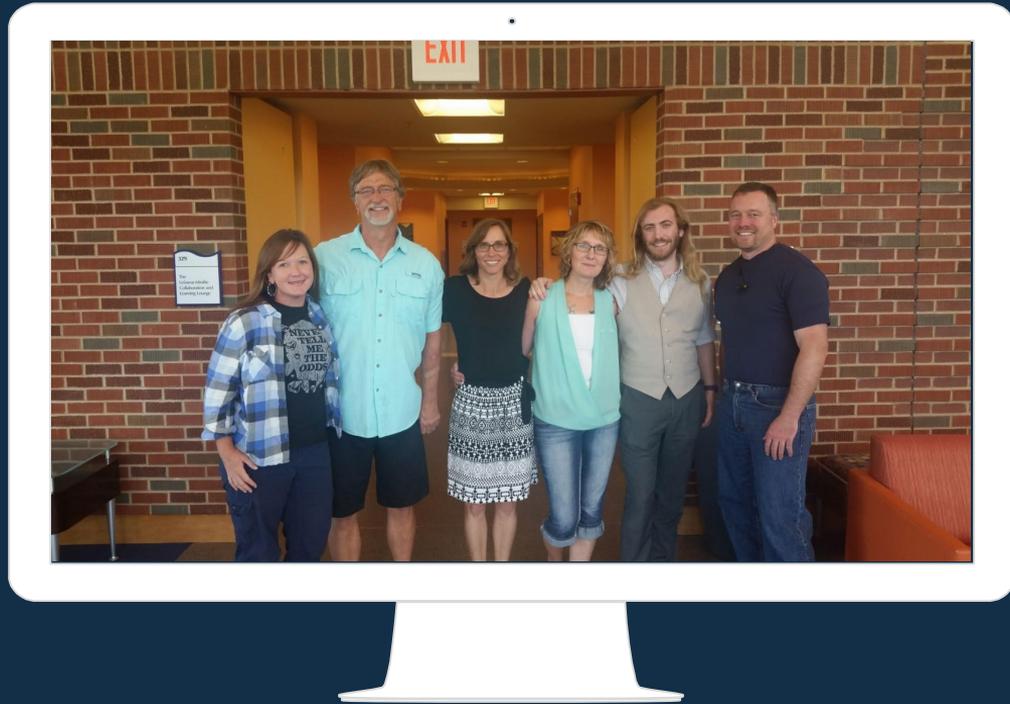
■ Middle School ■ High School ■ Elementary ■ Adult Ed. ■ Higher Ed. ■ Other

Award Winning Local Support Model



Lessons Learned

1. Find educators who will try something new,
2. Make the student experience seamless,
3. Find champions to use the program early,
4. Make data to have data,
5. Offer hands-on professional development,
6. Provide technical support,
7. Define roles and responsibilities for all,
8. Allow the program to evolve,
9. Help students learn how to learn well,
10. Complete the “blended learning loop.”



The EdReady Montana Team



A top-down view of a desk with a spiral notebook, a pen, a water bottle, and a paint palette. The notebook is open and blank, with a silver spiral binding in the center. A white pen lies on the right page. A white water bottle is on the left, and a paint palette is on the right. The desk surface is light-colored wood.

Questions about EdReady Montana?



**EdReady English in
Montana!**



EdReady Montana English

- 2015: Testing Dev English Content
 - Several sites tested the resources
 - Provided feedback to NROC
- 2016: Beta Testing
 - Corvallis High School
 - Feedback and software development
- 2017: Pilot
 - Fairview HS
 - Middle Schools/Adult Ed Programs
- Fall 2018: Field Test and Roll Out Begins



EdReady English Professional Development

- [Resources for our educators](#)
 - <http://mtda.link/edreadyclassroomresources>
- [Reading Samples for EdReady English](#)
 - <http://mtda.link/englishreadingsamples>
- [EdReady English Writing Prompts](#)
 - <http://mtda.link/englishwritingprompts>
- [EdReady English Resource Outline](#)
 - <http://mtda.link/englishresourceoutline>
- [Free English resources from Hippocampus](#)
 - <https://www.hippocampus.org/HippoCampus/English>



Our Challenge: How To Tell Our Story



**Not Set Up As A
Study!**

Use Cases for EdReady Math/English

- Whole class instruction
- Custom goal creation for leveled English classes
- Small group and individual supplement
- Skills inventory
- Summer review programs
- Intervention
- Co-curricular support
- Blended learning
- Advance Elementary
- Middle school AP classes
- College English prep
- ACT Prep
 - Beta testing in the spring of 2018
 - Fairview HS



Schools/Sites in Validation Study

- Ben Steele Middle School
- Big Timber 7-8
- Billings Adult Education Center
- Butte High Career Center
- Capital High School
- Carter County High School
- Cascade Co Juvenile Detention Center
- Chief Joseph Middle School
- Colstrip High School
- Custer County District High School
- Fairview High School
- Hellgate Middle School
- Highlands College of Montana Tech
- Montana State Prison
- MSU Bozeman/Gallatin College
- Plains Middle & High Schools
- Roosevelt Junior High
- St. Ignatius High School



EdReady Montana Validation Study Outline

- School/Community Info
- Summary
- Quote(s)
- EdReady Implementation Summary
- External Data (where possible)
- Looking Forward

Validation Case Study – 18 Sites

Implementing a Summer Math Program to Fill Knowledge Gaps

**Ben Steele Middle School
Billings, Montana**

Profile Summary

Ben Steele Middle School, located in Billings, Montana, starting using EdReady Math in 2018 to provide a Summer Math Program to their 6-8 grade students. To enroll, students sign up and draft goal sheets with their teacher. When a student completes a goal sheet, they are awarded a gift card by the school. Principal Joe Halligan expressed, "QUOTE HERE."



GRADE LEVELS SERVED: 6-8

NUMBER OF STUDENTS SERVED (2019-2020): 786

STUDENT-TO-TEACHER RATIO: 19:1

ECONOMICALLY DISADVANTAGED: 15.3%

LIMITED ENGLISH PROFICIENCY: 1%

SPECIAL EDUCATION: 6.1%

Fairview High School - Their Story



- No structure or program in place
- Started from scratch with curriculum w/no direction
- Driving tool was Cambridge ACT Prep materials
- Wanted something beyond test taking preparation materials
- We were already using Edready Math as a supplemental tool
- Ryan et al. provided the opportunity for us to try out the program

Our Structure



- Used Edready English program for an hour/week
- Moved around the room and talked about the problems
- Worked as a class on tough questions to provide learning opportunities
- Used classroom resources on program to monitor results (daily goals)
- Instruction was collaborative and student led
- Allowed for immediate feedback and monitoring

Partnership & Stages



- Edready English team was able to make immediate adjustment to goals
- Started with the basic goals and identified weaknesses
- Worked directly with Edready team to help familiarity
- Provided a structure and allowed for flexibility
- Small learning curve for students
- Allows for quick transitions

Impact & Implications



- Students worked with program for 1 semester = 3 ½ months
- Average increase in reading score by 2.42
- Average increase in english score by 2.25
- Completion over 70 mostly saw an increase in reading and english scores

	Cambridge Reading Score 8/31/17	Cambridge Reading Score 12/20/17	Change in Reading score	Cambridge English Score 8/31/17	Cambridge English Score 12/20/17	Change in English score	EdReady Completion Eng/College Readiness	
Student 1	19	26	7	18	26	8	78	
Student 2	21	20	-1	20	20	0	70	
Student 3	18	23	5	18	19	1	72	
Student 4	14	20	6	14	17	3	70	
Student 5	30	31	1	19	20	1	71	
Student 6	17	22	5	17	23	6	70	
Student 7	16	14	-2	16	15	-1	71	
Student 8	15	23	8	20	22	2	86	
Student 9	16	21	5	14	16	2	71	
Student 10	34	29	-5	28	29	1	74	
Student 11	23	21	-2	20	19	-1	55	
Student 12	21	23	2	17	22	5	71	
			average			average		
			2.42			2.25		

Students who have completed the initial diagnostic:

22

Initial diagnostic in progress:

3

Students who have improved their EdReady score:

21

Average time using EdReady: **78:39:48**

Average time studying resources: **01:30:42**

Summary

Median Initial diagnostic score

50

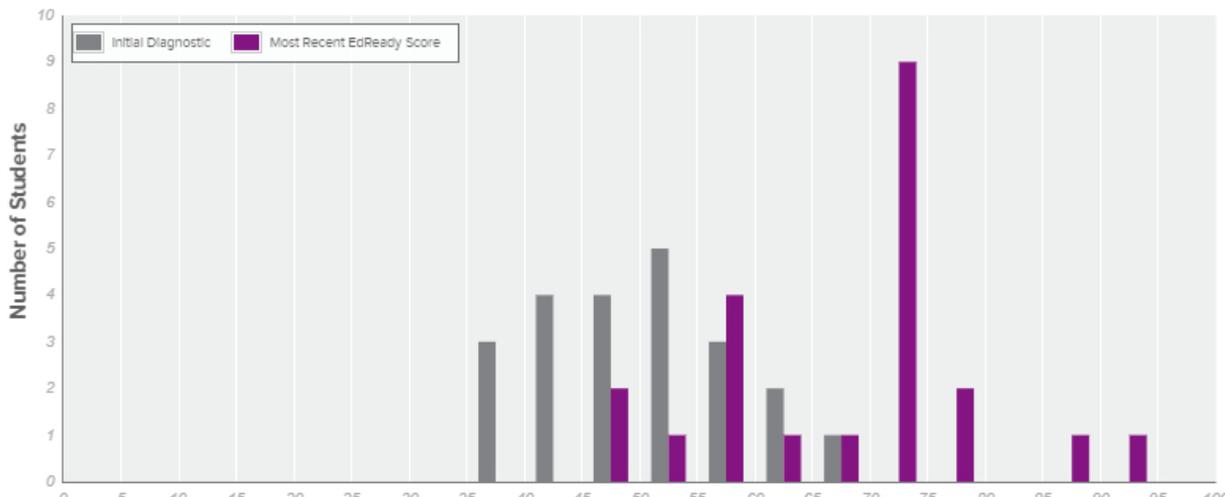
Median EdReady score
(most recent)

71

Students who have eclipsed their target score: **1** (4%)

Average score gain: **18 points** (+/- 2)

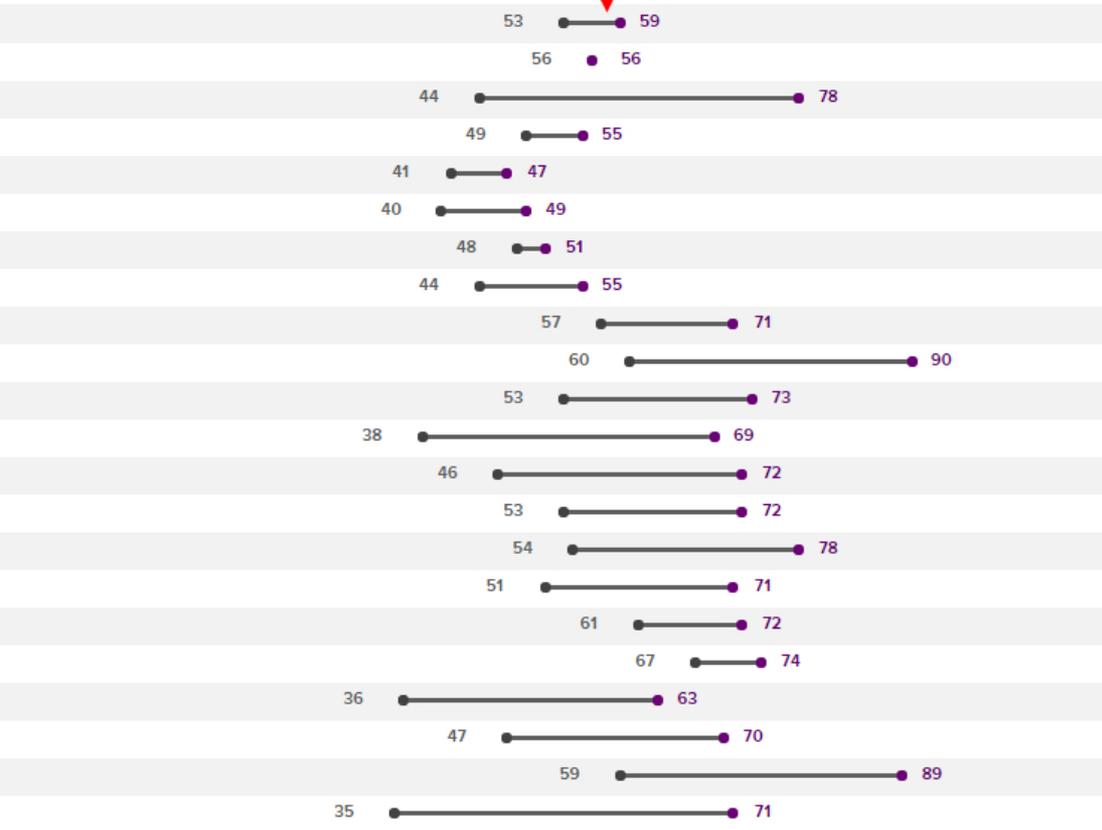
Score Distribution

[Change view](#)


First Name	Last Name	Time Using EdReady	Goal Name
Filter	Filter	Filter	Filter

Initial Diagnostic Most Recently Updated

09:37:18	EnglishCollege_Readiness_Fairview_HS_FA17
15:29:31	EnglishCollege_Readiness_Fairview_HS_FA17
17:06:23	EnglishCollege_Readiness_Fairview_HS_FA17
23:02:51	EnglishCollege_Readiness_Fairview_HS_FA17
26:59:21	EnglishCollege_Readiness_Fairview_HS_FA17
29:17:01	EnglishCollege_Readiness_Fairview_HS_FA17
31:00:08	EnglishCollege_Readiness_Fairview_HS_FA17
32:26:42	EnglishCollege_Readiness_Fairview_HS_FA17
36:12:16	EnglishCollege_Readiness_Fairview_HS_FA17
40:46:10	EnglishCollege_Readiness_Fairview_HS_FA17
47:13:36	EnglishCollege_Readiness_Fairview_HS_FA17
47:49:27	EnglishCollege_Readiness_Fairview_HS_FA17
48:45:58	EnglishCollege_Readiness_Fairview_HS_FA17
62:28:06	EnglishCollege_Readiness_Fairview_HS_FA17
69:16:22	EnglishCollege_Readiness_Fairview_HS_FA17
93:13:27	EnglishCollege_Readiness_Fairview_HS_FA17
114:56:49	EnglishCollege_Readiness_Fairview_HS_FA17
179:20:56	EnglishCollege_Readiness_Fairview_HS_FA17
190:19:59	EnglishCollege_Readiness_Fairview_HS_FA17
191:37:35	EnglishCollege_Readiness_Fairview_HS_FA17
199:59:14	EnglishCollege_Readiness_Fairview_HS_FA17
398:25:43	EnglishCollege_Readiness_Fairview_HS_FA17



New UM and MSU EdReady Montana – Student Placement Data and Information

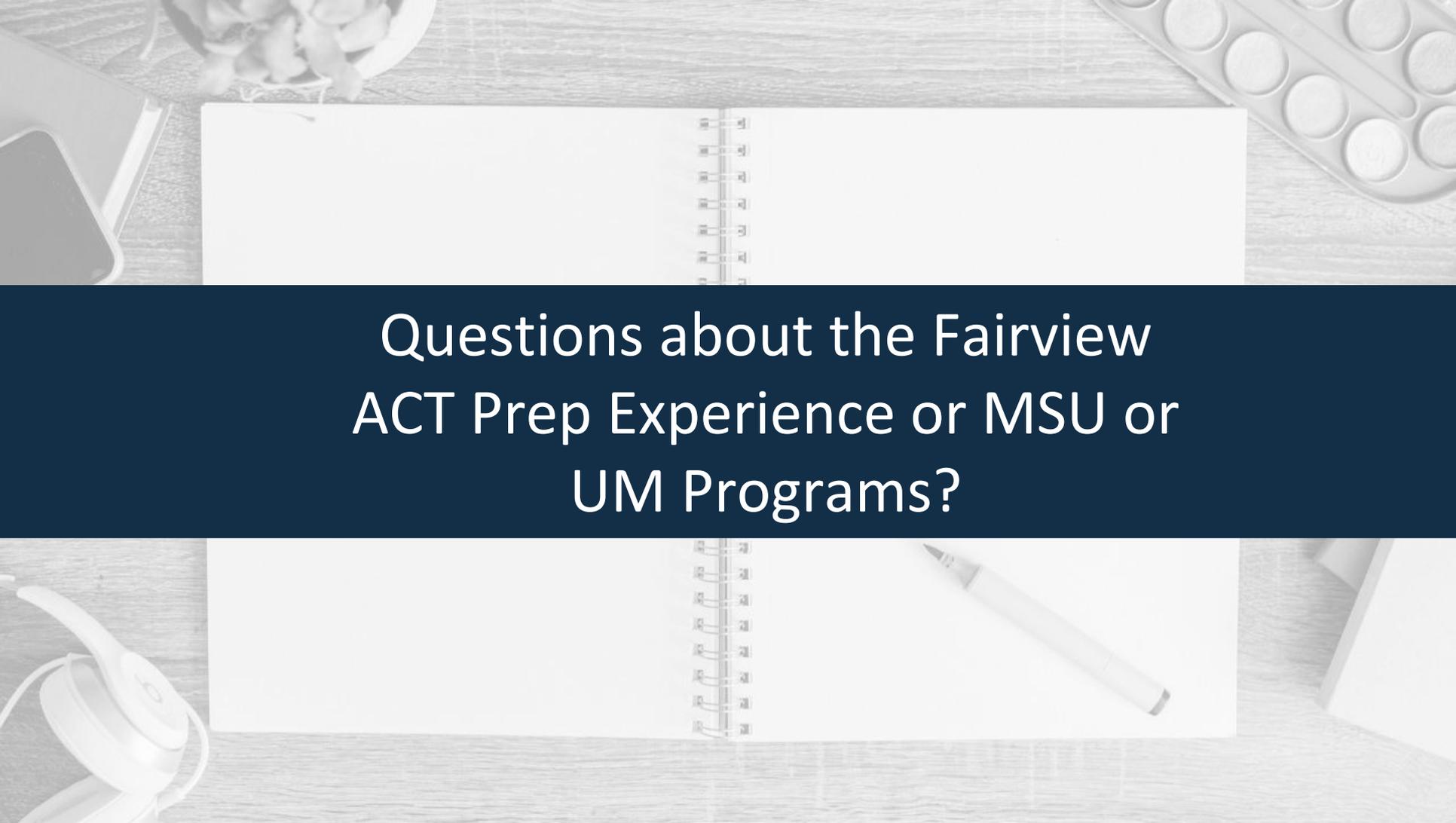
UM Skills Inventory Placement Pilot

- 39 students participated in pilot and placed directly into M105 and 115
- 19 enrolled in a math course in Fall 2017
- 89% of students earned grades sufficient to move to next level of math or meet the UM general ed. requirement
- 95% of 19 math enrollees retained in spring
- 87% of the 39 pilot participants retained in spring
- Tuition Savings estimate - \$33,000

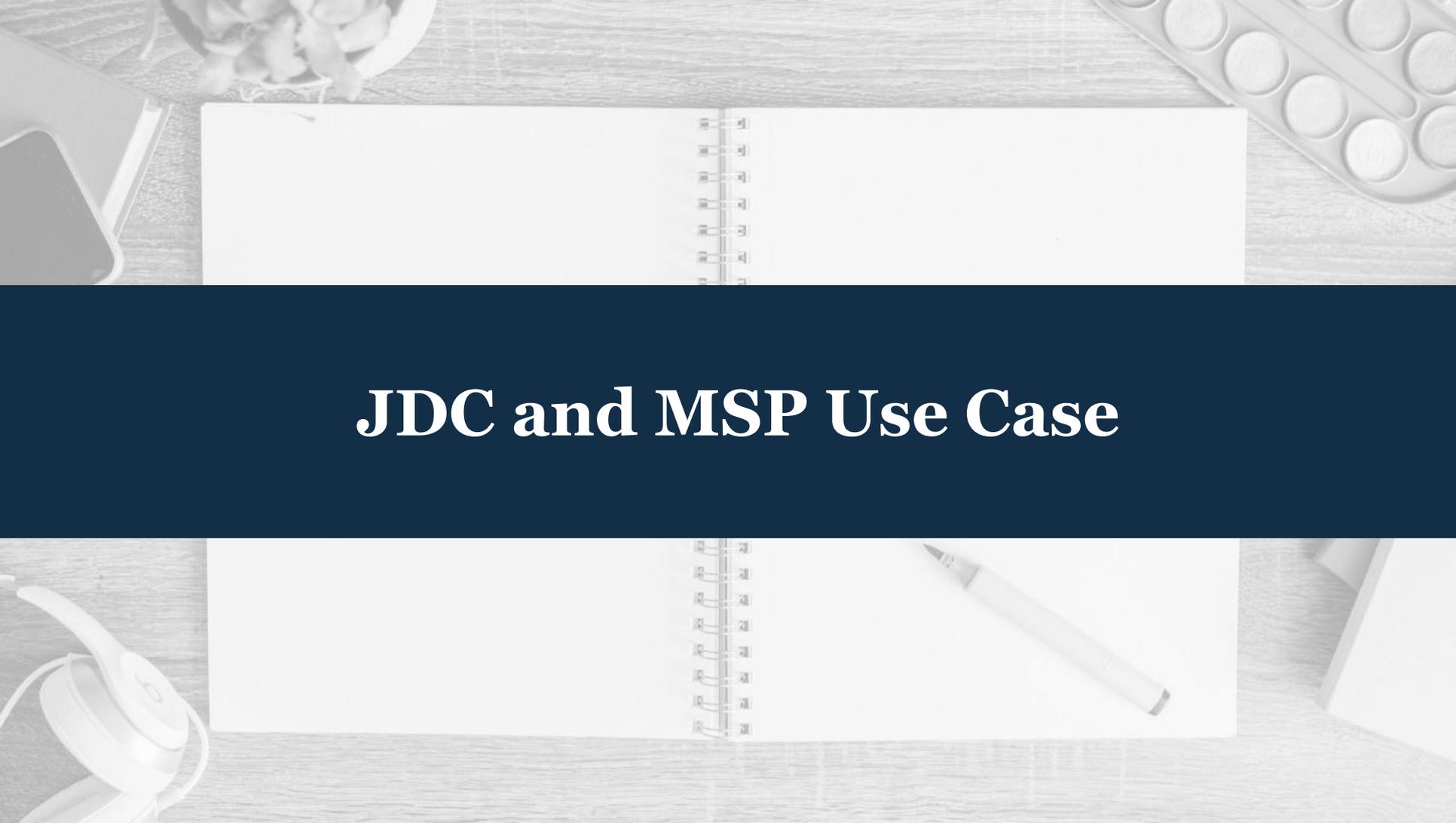


MSU Math Placement Exam (MPLEX) retake policy in 2017

- To qualify for retake - must complete 20 hours of study and demonstrate a 90% on their EdReady goal
- 81 students qualified for retakes (Fall 2017 term)
- All 81 students improved placement score
- 59 (73%) improved their placement level
- 35 students moved from developmental to college level math
- Tuition \$ fee savings of \$1,931 per student with overall estimate of \$158,000
- DWF rate of 16% for these students – ½ of overall math class DWF rate

A top-down view of a desk with a spiral notebook, a pen, a water bottle, and a calculator. The notebook is open and blank, with a silver spiral binding in the center. A white pen lies diagonally across the right page. In the top left corner, there is a white water bottle. In the top right corner, there is a white calculator. The desk surface is a light-colored wood grain.

Questions about the Fairview
ACT Prep Experience or MSU or
UM Programs?

A top-down view of a desk with a spiral notebook, a pen, a watercolor palette, and a pair of headphones. The notebook is open and blank, with a silver spiral binding in the center. A white pen lies diagonally across the right page. A watercolor palette with various colored wells is in the top right corner. A pair of white headphones is in the bottom left corner. The desk surface is a light-colored wood grain.

JDC and MSP Use Case

History with JDC led to MSP Partnership



- Fully online classes not a great fit
- Partnered with JDC since 2011 with Credit Recovery
- Needed something flexible but access/online/tech/security concerns
- New Education Director at MSP in 2015
- Working out tech issues
- Hiring staff/high staff turnover/some teaching experience
- Needed a reliable platform and lots of support
- Inmates benefitting from EdReady

Inmates Benefitting from EdReady



- *“The stuff on the computer is from basic to very hard. I love it. It breaks down everything for you and if you do not understand it lets you click a video that explains it to you. It breaks everything down and lets you know what you mess up on and what you need to study. On the pretest if you miss something, it takes you to where you need to study. It is going to help me pass my test. -Inmate W. W.*
- *“I am getting better in math and I am finally getting it when I use Edready. I like Ed Ready because it shows examples. With class and Ed ready I am starting to get it. It shows where I am at and it helps me figure out what I need help with. - Inmate C. L.*

February 25, 2019

To whom it may concern,
edready really does make a difference on peoples lives, when I first came to JDC, I wasnt prepared at all for schooling. I pretty much gave up when I got incarcerated the first thing the JDC did was got me into edready, witch was the best thing that came out of being in jail. edready helped me with math. In the beginning I struggled but after all the hard work I put in I finally achived my goal. I became better and better. I went from the first grade math to the ninth grade math to eleventh. And that to me is a huge change. I didnt think I was able to do it or actually understand math until I got the help from edready. Edready prepared me to graduate. So thanks EDREADY!

Personal
Letter From a
JDC Student

EdReady

MONTANA

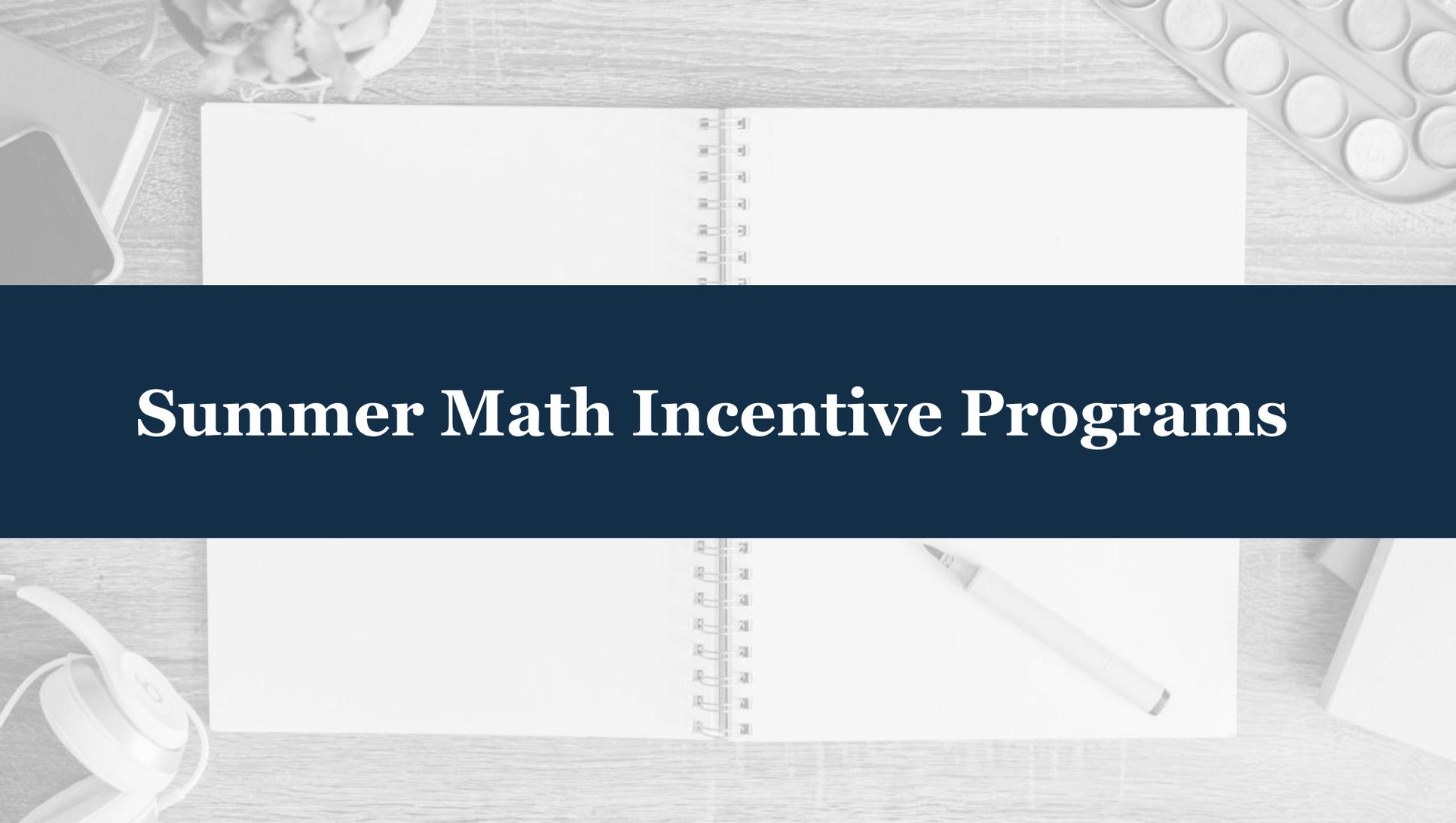


JDC Summary Data



CCJDC Ed Program	2002 - 2015	2016 - Present
Instructional Model	Students received a packet with general worksheets	Students are assessed using past records and EdReady diagnostic tools upon entry to understand where they are academically. Based on that information, a personalized education plan is developed by the JDC.
Recidivism Rate	71%	21%
HiSet Pass Rates/ Score Averages	Collecting Data	Collecting Data
Graduating Students	4	72

Infraction/Incident Reports: 137 down to 37

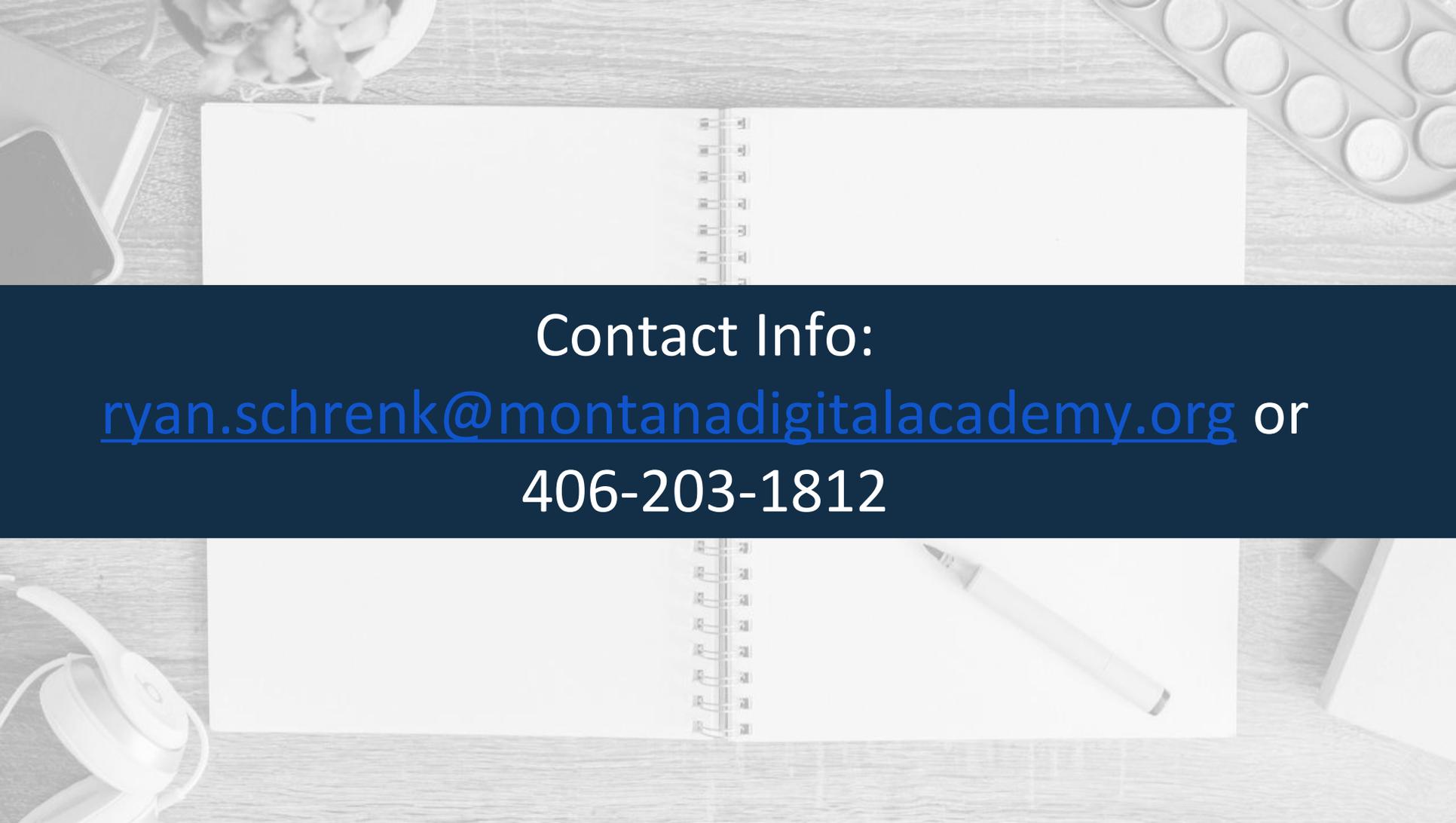
A top-down view of a desk with a spiral notebook, a pen, a water bottle, and a paint palette. The notebook is open and blank, with a silver spiral binding in the center. A white pen lies diagonally across the right page. In the top left corner, there is a white water bottle. In the top right corner, there is a white paint palette with several wells. The desk surface is a light-colored wood grain.

Summer Math Incentive Programs

Summer Math Incentive Programs



- Need to do more than click to learn math
- Provide PD for local sites
- Connect to school goals and staff for best results
- Keeping it from becoming a set up and forget program
- Parent Meeting
- Form letter/Putting the right words in their mouths
- Parent Sign Off Sheet
 - [Support Resources for our educators](#)
 - <http://mtda.link/edreadyclassroomresources>

A top-down view of a desk with a spiral notebook, a pen, a water bottle, and a keyboard. The notebook is open and blank, with a silver spiral binding. A white pen lies on the right page. A white water bottle is on the left, and a keyboard is on the right. The desk surface is light-colored wood.

Contact Info:

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406-203-1812

EdReady MT is a project of the Montana Digital Academy and is supported through a generous gift donated by the

DENNIS & PHYLLIS WASHINGTON FOUNDATION



Montana Digital Academy was recently awarded the 2018 WICHE WOW Award, celebrating educational technology innovation. Congratulations!



Download their free Student Success Ebook at NROC.org.

EdReady English Professional Development

- What do you want your students to be ready for?
- What does EdReady English look like for students & teachers?
 - ◆ Initial Diagnostic
 - ◆ Study path individualized for students
 - ◆ Resources provided for students
 - Foundation lessons
 - Videos
- English Teaching Support Materials
 - ◆ Printable Reading Texts
 - ◆ Writing Prompts
 - ◆ Teaching Outline



EdReady will help you prepare for college and career goals.

Your goals

<p>Algebra1_Readiness_EdReadyAcademy_HS_SAMPLE</p> <p>More Info</p>	 <p>Go to Goal</p>	<p>EnglishCollege_Readiness_EdReadyAcademy_HS_SAMPLE</p> <p>More Info</p>	 <p>Go to Goal</p>
<p>HiSETPrep_EdReadyAcademy_HS_SAMPLE</p>		<p>JobReady_FieldEngineering</p>	



EnglishCollege_Readiness_EdReadyAcademy_HS_SAMPLE

Please begin by taking the initial assessment and then start to study the materials.



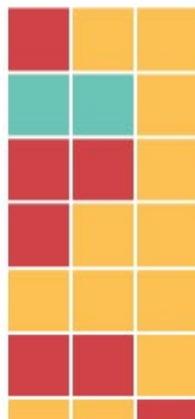
CollegeEnglish_Readiness update 15:16

[Hide Details](#)

Units you should study:

■	Introduction to College Reading and Writing
■	Identifying Main Ideas
■	Discovering Implied Meaning
■	Interpreting Bias
■	Analysis through Definition
■	Learning Across Disciplines
■	Exploring Comparative Elements

Topic Status:



[Hide Details](#)**Units you should study:**

	Introduction to College Reading and Writing
	Identifying Main Ideas
	Discovering Implied Meaning
	Interpreting Bias
	Analysis through Definition
	Learning Across Disciplines
	Exploring Comparative Elements
	Applied Critical Analysis
	Using Sources in Critical Reading and Writing

Units you did well on:

Note: You have not been tested on every topic in the unit(s) below.
Click on any unit at any time to check your mastery more fully.

	Informed Opinions through Causal Chains
---	---

Topic Status:

Topic Status:

		
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[View Study Path](#)



Introduction to College Reading and Writing

Recommended study time: 1.5 hours

NOT READY

UNIT TEST

You have mastered 0 of 3 topics in this unit

Topics you need to study in this unit



Reading



NOT READY

Expand your knowledge

OR

Check your knowledge

LEARN

TEST



Writing



NEEDS REVIEW

Expand your knowledge

OR

Check your knowledge

LEARN

TEST



Grammar





Unit: Interpreting Bias

Progress:

Question ID: 165556

The movement of the progress bar may be uneven because questions can be worth more or less (including zero) depending on your answer.



Read this sentence from paragraph 3 of the passage.

"Artificial sweeteners are substances used in place of sugar; they have an intensely sweet taste, but few or no calories."

Which word in the sentence is an adverb?

- "place"
- "intensely"
- "sweet"
- "calories"

Reading Passage

Sweet Enough for You?

by Carolina Sanchez

1 *We don't need sugar to live, and we don't need it as a society.* Dr. Mehmet Oz (surgeon, author, television personality)

2 Whether we need it or not, most humans love the taste of sweetness. We like it on our breakfast cereals, in our juice drinks, in our breads, and certainly in our desserts. Until the nineteenth century, sweetness meant either natural sugar from plants such as sugar cane, sugar beets, and stevia; or honey, maple syrup, and agave nectar, all of which are naturally derived. When we eat natural sugars, receptor cells on our tongues send a message to our brains: "Sweet!" However, sugar is high in calories and if we're not burning those calories as quickly as we consume them, we can easily gain unwanted and unhealthy weight. So, what's a human with a sweet tooth to do?



Submit

Skip

Save and close

53

90

100



Interpreting Bias

Recommended study time: 1.5 hours

NOT READY

Master this unit through the topics below

UNIT TEST



You have mastered 0 of 3 topics in this unit

Topics you need to study in this unit



Reading



NOT READY

Expand your knowledge

LEARN



TEST



Writing



NOT READY

Expand your knowledge

OR

Check your knowledge

Interpreting Bias - Reading

SUPPORTING MATERIALS:

Upon learning this topic you will be able to:

- Identify and correct faulty parallelism in a reading.
- Identify subtext in a reading by making inferences and drawing conclusions.
- Outline a reading to identify the main idea and major details.
- Use context clues to define unknown vocabulary in a reading.
- Use word parts to define unknown vocabulary in a reading.

INSTRUCTIONS: Review every resource in the list below



1

Making Inferences and Drawing Conclusions_



2

Outlining a Reading



3

Faulty Parallel Structure



4

Pre-Reading



5

Grammar In Context



6

Worked Example: Faulty Parallel Structure



7

Using Context Clues



8

Identifying Word Parts



A top-down view of a desk with a spiral notebook, a pen, a paint palette, and a bowl of fruit. The notebook is open and blank, with a silver spiral binding in the center. A white pen lies on the right page. A paint palette with various colors is in the top right corner. A bowl of fruit is in the top left corner. The desk surface is a light-colored wood grain.

Questions about the Student Experience?