Filling the Gaps in ACT Skill Prep with EdReady Montana


Updated 1/14/2019
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: Background & History

2013: Pilot
  - 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 core 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
Over 500 affiliations
Over 100,000 student enrollments
6000+ active students last month
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.”
Questions about EdReady 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
EdReady English in Montana!
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**

- Algebra1_Readiness_EdReadyAcademy_HS_SAMPLE
- EdReady MONTANA
  - More Info
  - Go to Goal

- EnglishCollege_Readiness_EdReadyAcademy_HS_SAMPLE
- EdReady MONTANA
  - More Info
  - Go to Goal

- HiSETPrep_EdReadyAcademy_HS_SAMPLE
- EdReady MONTANA
- JobReady_FieldEngineering
- EdReady MONTANA
  - More Info
  - Go to Goal

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

<table>
<thead>
<tr>
<th>Units you should study:</th>
<th>Topic Status:</th>
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<tbody>
<tr>
<td>Introduction to College Reading and Writing</td>
<td></td>
</tr>
<tr>
<td>Identifying Main Ideas</td>
<td></td>
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<tr>
<td>Discovering Implied Meaning</td>
<td></td>
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<tr>
<td>Interpreting Bias</td>
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<tr>
<td>Analysis through Definition</td>
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<tr>
<td>Learning Across Disciplines</td>
<td></td>
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<tr>
<td>Exploring Comparative Elements</td>
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</table>
Unit: Interpreting Bias

Progress:

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”
Interpreting Bias

Recommended study time: 1.5 hours

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

You have mastered 0 of 3 topics in this unit.
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
Questions about the Student Experience?
EdReady English Professional Development

- Resources for our educators
  - [http://mtda.link/edreadyclassroomresources](http://mtda.link/edreadyclassroomresources)

- Reading Samples for EdReady English
  - [http://mtda.link/englishreadingsamples](http://mtda.link/englishreadingsamples)

- EdReady English Writing Prompts
  - [http://mtda.link/englishwritingprompts](http://mtda.link/englishwritingprompts)

- EdReady English Resource Outline
  - [http://mtda.link/englishresourceoutline](http://mtda.link/englishresourceoutline)

- Free English resources from Hippocampus
  - [https://www.hippocampus.org/HippoCampus/English](https://www.hippocampus.org/HippoCampus/English)
Use Cases for EdReady 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
→ Middle school AP classes
→ College English prep
→ ACT Prep
  ○ Beta testing in the spring of 2018
  ○ Fairview HS
Fairview High School - Our 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
<table>
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<th>Student</th>
<th>Cambridge Reading Score 8/31/17</th>
<th>Cambridge Reading Score 12/20/17</th>
<th>Change in Reading score</th>
<th>Cambridge English Score 8/31/17</th>
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<th>Change in English score</th>
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<td><strong>2.25</strong></td>
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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)
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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
Questions about the Fairview ACT Prep Experience or MSU or UM Programs?
Contact Info:
ryan.schrenk@montanadigitalacademy.org or 406-203-1812
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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.