

EdReady is a tool...



What do I want my students to be ready for?

EdReady Montana is not.... A stand alone online course.



- It is a free, online, customized math readiness and individualized learning path curriculum based upon school need
- Offered/managed/supported state-wide by MTDA
- Facilitated locally by K12 school or college/university personnel





Educators moving education forward

A national K-20 cooperative project to impact college & career readiness



The NROC Project (NROC) is a community-guided, non-profit project

focused on new models of digital content development, distribution, and use.

NROC is **funded by** The William and Flora Hewlett Foundation, the Bill & Melinda Gates Foundation, and most importantly by **NROC members across the country.**

We are education leaders who believe in open and equal access to education and the power of media to personalize learning.



Use Cases for EdReady Montana

High Schools and Middle Schools, Alternative Education Programs

Montana University System UM, MSU, Colleges (4 and 2 Year) and Private and Tribal Colleges

Adult Learning Centers (Workforce Development)

Military, Incarcerated, Adult Basic Ed. and more



EdReady Montana Is...

Aimed at math (and later English 2015) readiness.

Uses NROC's Dev Math as a base: (19 Units/59 Topics)

Arithmetic Modules	Beginning Algebra Modules	Intermediate Algebra Modules	Geomet Trigono
Unit 1: Whole Numbers Introduction to Whole Numbers Place Value and Names for Whole Numbers Rounding Whole Numbers Comparing Whole Numbers Adding and Subtracting Whole Numbers Adding Whole Numbers and Applications Subtracting Whole Numbers and Applications Estimation Multiplying and Dividing Whole Numbers	Unit 9: Real Numbers Introduction to Real Numbers Variables and Expressions Integers Rational Real Numbers Operations with Real Numbers Adding Integers Adding Real Numbers Subtracting Real Numbers Multiplying and Dividing Real Numbers Properties of Real Numbers Associative, Commutative, and Distributive Properties	Unit 15: Rational Expressions Operations with Rational Expressions Introduction to Rational Expressions Multiplying and Dividing Rational Expressions Adding and Subtracting Rational Expressions Complex Rational Expressions Rational Equations Solving Rational Equations and Applications Formulas and Variation Rational Formulas and Variation	Unit 7: Geom Basic Geome Figures in Properties Triangles They Pyth Perimeter, Ci Quadrilate Perimeter Circles Volume of Go Solids
Multiplying Whole Numbers and Applications Dividing Whole Numbers and Applications Properties of Whole Numbers Properties and Laws of Whole Numbers	Simplifying Expressions Order of Operations Unit 10: Solving Equations and Inequalities Solving Equations Solving One-Step Equations Using	Unit 16: Radical Expressions and Quadratic Equations Introduction to Roots and Rational Exponents <i>Roots</i>	Unit 8: Conce Statisti Gra Ott Measu Me Montana

EdReady Montana is....

Customized Higher Ed and K12 Assessments

Personalized student learning • paths

Reporting/tracking for • Montana Higher Ed Institutions and Secondary Schools

	Placement Test Assessments		
Secondary School Assessments	Accuplacer [®] - Arithmetic		
7th Grade Readiness	Accuplacer Math Preparation		
	SAT [®] Math Preparation		
8th Grade Readiness	COMPASS® Math Preparation		
Algebra Readiness	Accuplacer® - Elementary Algebra		
Algebra Readilless	ACT [®] Math Preparation		
Geometry Readiness	GED [®] Prep K-8		
Pre-Algebra Readiness	College Math Readiness		
FTE-Algebra Reduitess	Accuplacer® - College Level Math		
Trigonometry Readiness	GED [®] Prep 9-12		



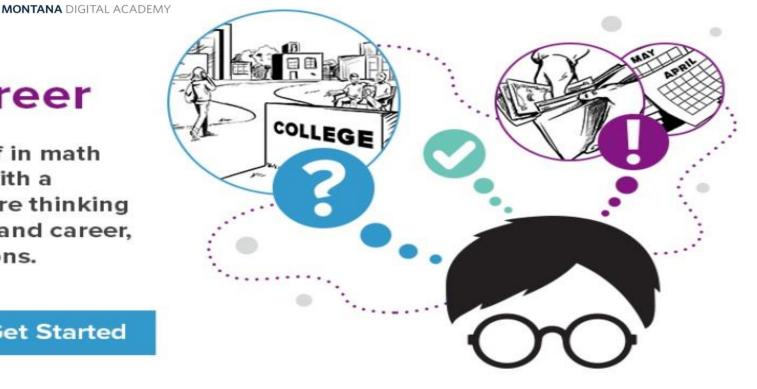
Powered by NROC EdReady



EdReady lets you test yourself in math and English, then helps you with a customized study plan. If you're thinking about what's next for college and career, be smart and know your options.

Get Started





Who should use EdReady?

College-bound Students

Don't let college placement exams hold you back. EdReady can help you avoid spending extra time and money in remedial college classes.

Create an Account

Unsure about college?

Use EdReady to assess your skills in English and math, and see which schools you can attend to improve your chances for a job.

Create an Account

Already in college?

Your school may have a custom EdReady site to help you catch up in math and English. Use EdReady for personalized study help.

Search for my school

College

Collec

College Math Readiness

Progress:

Complete this assessment to gain an understanding of your math readiness.

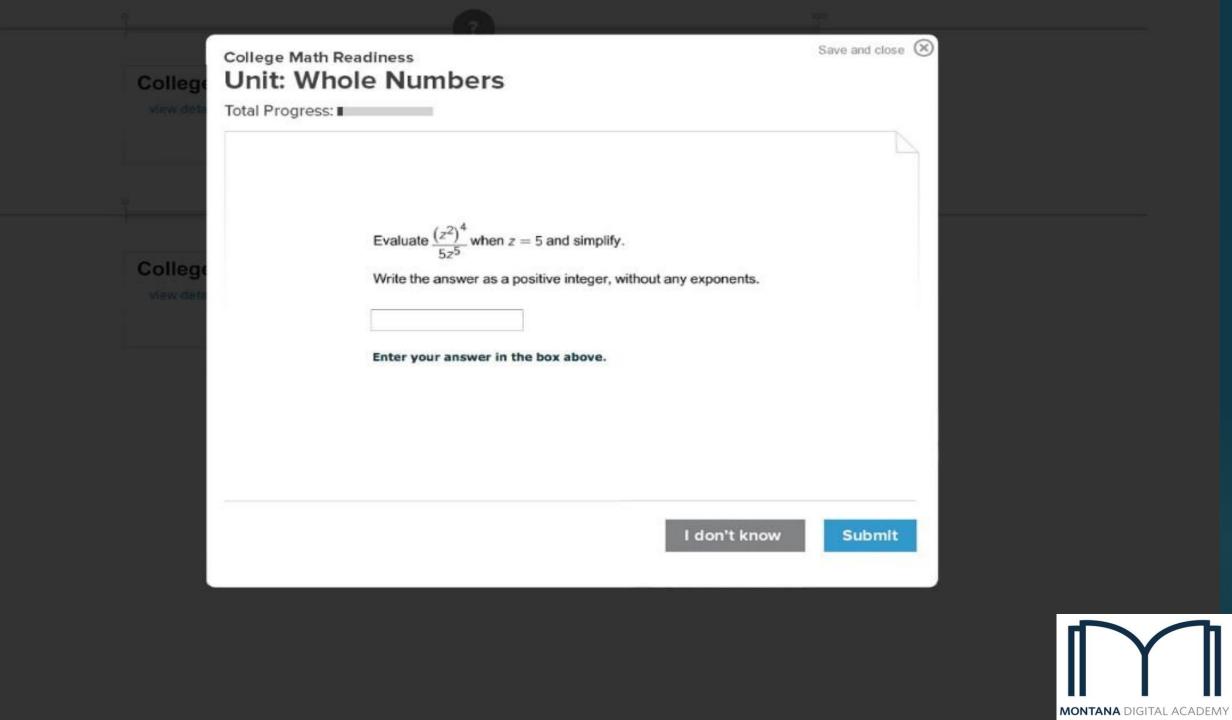
Answer the questions as best you can, without study aids (calculators are ok), in order to get the most accurate picture of your current understanding.

The time to completion will vary. Expect to take about an hour.

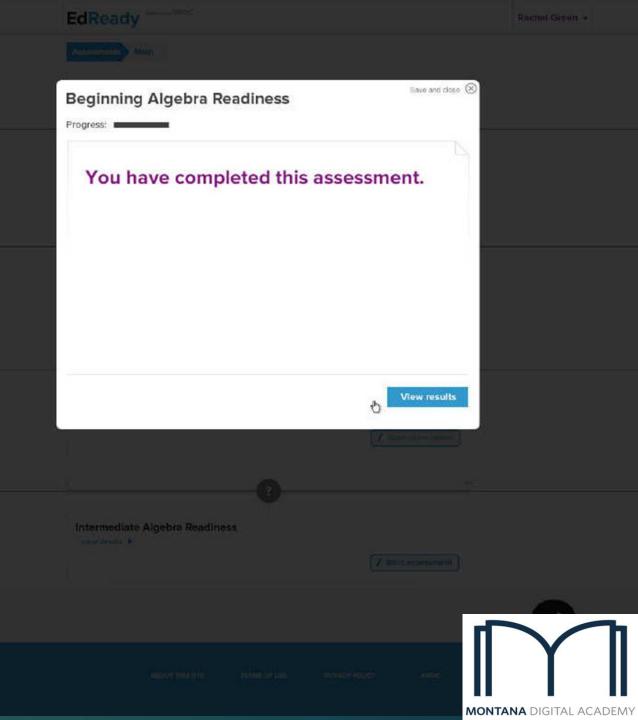
If you need to leave before your assessment is complete, your work will automatically be saved until your next visit to EdReady.

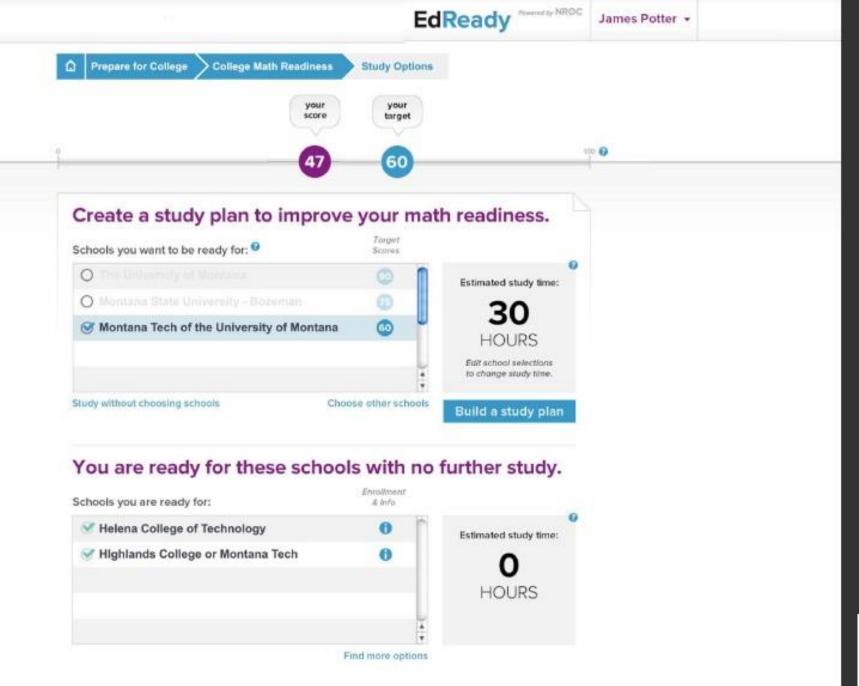
Start assessment now

Save and close (X)

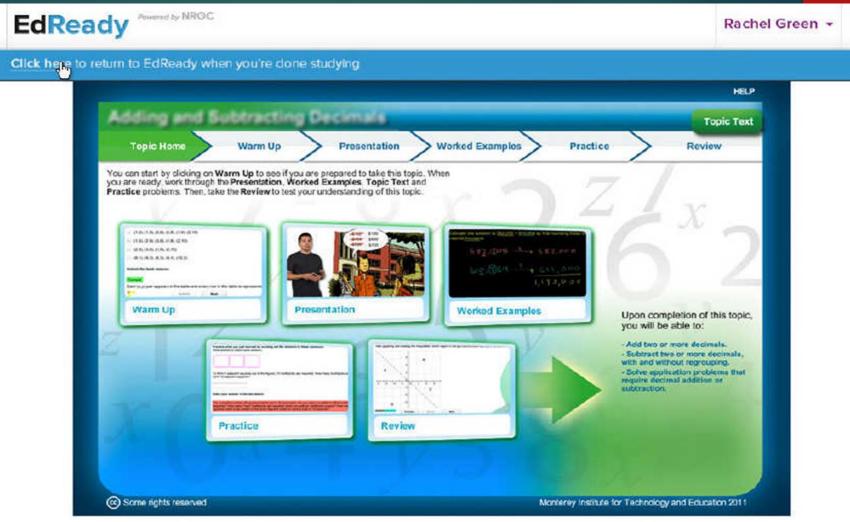


Student Completes Assessment





Instructional Design Dev Math Topic of Study





Pilot Outcomes



- 43 students voluntarily opened an EdReady account completed the program:
- 70% increased by 1 ALEKS point
- 27% increased by 2 ALEKS points
- 3% increased by 3 ALEKS points
- 86% of students who completed EdReady increased their ALEKS score by at least 1 point ... AND qualified to enroll in a higher math course at UM



Saving Time and Money!

43 students skipped 49 courses

Total of 151 credits were "skipped"

...adding up to estimated \$31,000 tuition/fees!





Results After Enrollment?

37 of the pilot participants enrolled in a mathematics course in the Fall 2014 term

91% successfully completed their course

Average mathematics grade for these students: B-

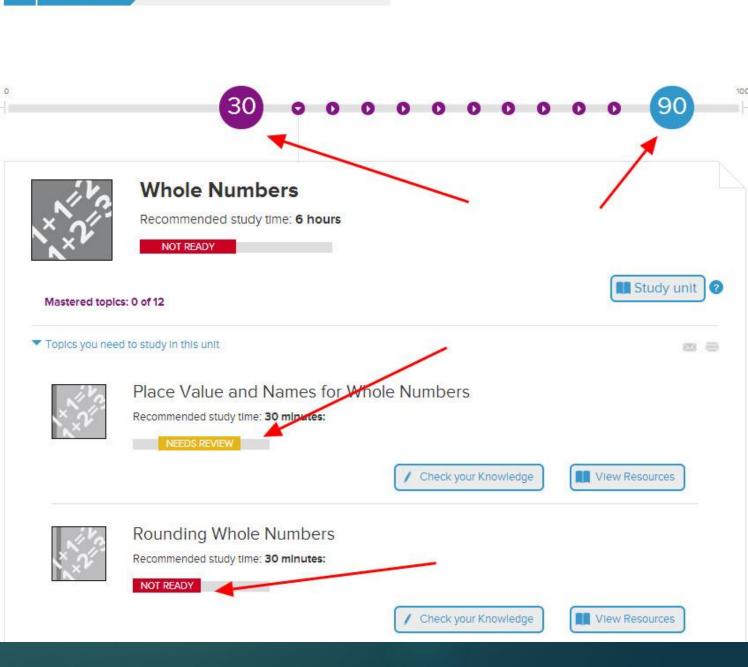


UM Freshman overall average mathematics grade: C+



Assessments

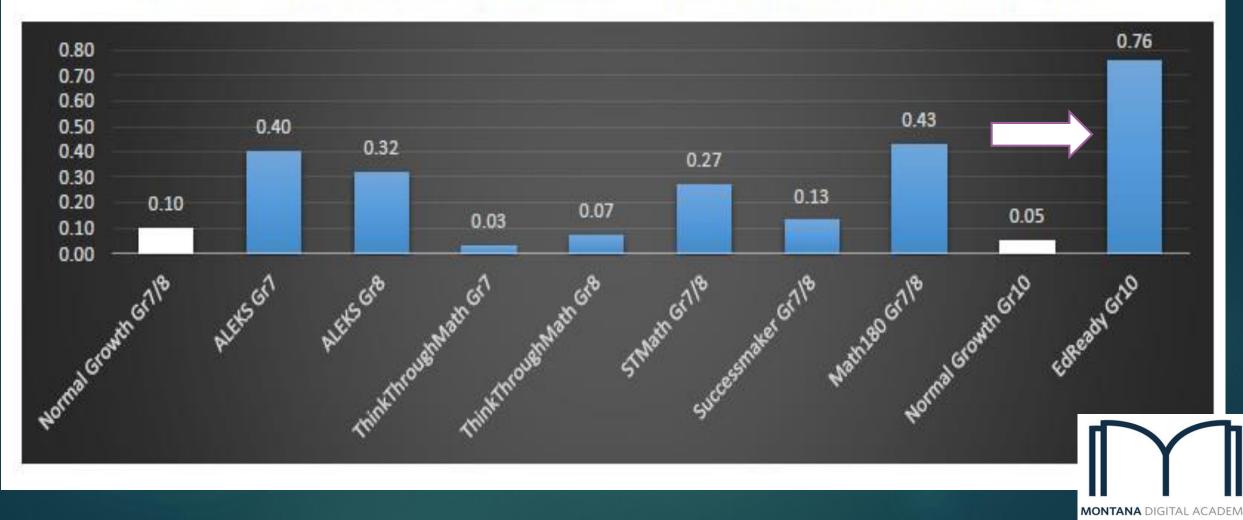
Detailed Personalized Study Plan





Utah State University STEM Action Center Pilot Results

Figure 2 Effect Size of Gain in Mathematics Performance Compared to Natural Growth for 3 months of pilot



Washington Foundation Gift to Implement EdReady Montana

Three year field test and rollout funding -

> \$800,000/year for a 3 year total of \$2,400,000

All students in 7-12 and higher education eligible to establish EdReady account and utilize the program

Substantial Gates Foundation Funding invested in the development of the NROC EdReady Project



Rollout Plan for Montana Higher Ed., Schools and Students

Spring and Summer 2014

- Outreach to the 2 year Colleges and Universities
- Field tests in several high schools

Fall 2014

Large scale rollout to both higher education and secondary schools