EdReady. Set. Go!

EdReady is a math and English readiness system that employs a knowledge inventory to personalize a learner’s path to subject mastery within the context of a specific educational goal.

STUDENTS can self-assess for college math readiness, view study options, and follow a personalized study path to fill gaps in knowledge.

EDUCATORS can see useful data to guide students to success, improve retention, and lay a solid foundation for college completion.

INSTITUTIONS can customize EdReady. Here’s how it works...

Goals
Each EdReady goal can support a unique, student-focused readiness experience. EdReady can accommodate a variety of goals, depending on your needs.

Scope
You can tailor study paths and embedded diagnostics to support programmatic needs within a customized scope of expectations.

Resources
A personalized study path with topic-specific, media-rich learning resources will guide your students toward their goals. You can choose which curated resources your students will see.

Data Access
You can set permissions for live student data dashboards and downloads for teachers, administrators, and counselors.

Readiness
As students meet or exceed their target scores, you can direct them toward additional steps they may take on their journey to academic and personal success.

Watch an animated tour of the student experience at EdReady.org

By joining The NROC Project (NROC), your institution can acquire a customized EdReady site with robust reporting capabilities.

To learn more, contact us at membership@NROC.org.
## ARITHMETIC MODULES

### 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**
- Multiplying Whole Numbers and Applications
- Dividing Whole Numbers and Applications

**Properties of Whole Numbers**
- Properties and Laws of Whole Numbers
- The Distributive Property

### Unit 2: Fractions and Mixed Numbers

**Introduction to Fractions and Mixed Numbers**
- Introduction to Fractions and Mixed Numbers
- Proper and Improper Fractions
- Factors and Primes
- Simplifying Fractions
- Comparing Fractions

**Multiplying and Dividing Fractions and Mixed Numbers**
- Multiplying Fractions and Mixed Numbers
- Dividing Fractions and Mixed Numbers

**Adding and Subtracting Fractions and Mixed Numbers**
- Adding Fractions and Mixed Numbers
- Subtracting Fractions and Mixed Numbers

### Unit 3: Decimals

**Introduction to Decimals**
- Decimals and Fractions
- Ordering and Rounding Decimals

**Decimal Operations**
- Adding and Subtracting Decimals
- Multiplying and Dividing Decimals
- Estimation with Decimals

### Unit 4: Ratios, Rates and Proportions

**Ratio and Rates**
- Ratio and Rates
- Proportions
- Understanding Proportions

### Unit 5: Percents

**Introduction to Percents**
- Convert Percents, Decimals, and Fractions

**Solving Percent Problems**
- Solve Percent Problems

### Unit 6: Measurement

**U.S. Customary Units of Measurement**
- Length
- Weight
- Capacity

**Metric Units of Measurement**
- The Metric System
- Converting within the Metric System
- Using Metric Conversions to Solve Problems

**Temperature**
- Temperature Scales

## BEGINNING ALGEBRA MODULES

### 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

**Simplifying Expressions**
- Order of Operations

### Unit 10: Solving Equations and Inequalities

**Solving Equations**
- Solving One-Step Equations Using Properties of Equality
- Solving Multi-Step Equations
- Special Cases and Applications
- Formulas

**Solving Inequalities**
- Solving One-Step Inequalities
- Multi-Step Inequalities

**Compound Inequalities and Absolute Value**
- Compound Inequalities
- Equations and Inequalities and Absolute Value

### Unit 11: Exponents and Polynomials

**Integer Exponents**
- Exponential Notation
- Simplify by Using the Product, Quotient, and Power Rules
- Products and Quotients Raised to Powers
- Scientific Notation

**Polynomials with Single Variables**
- Introduction to Single Variable Polynomials
- Adding and Subtracting Polynomials
- Multiplying Polynomials
- Multiplying Special Cases
- Dividing by a Monomial
- Dividing by Binomials and Polynomials

**Polynomials with Several Variables**
- Simplifying and Evaluating Polynomials with More than One Term
- Operations with Polynomials

### Unit 12: Factoring

**Introduction to Factoring**
- Greatest Common Factor
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