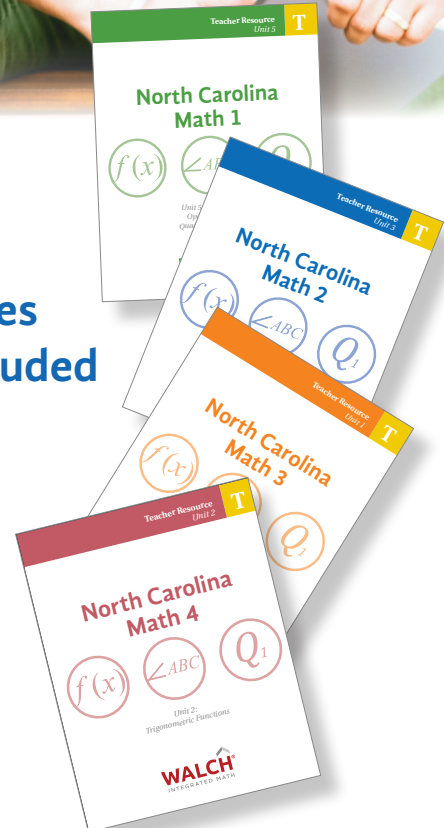


North Carolina Math 1, 2, 3, and 4 Hybrid Curriculums

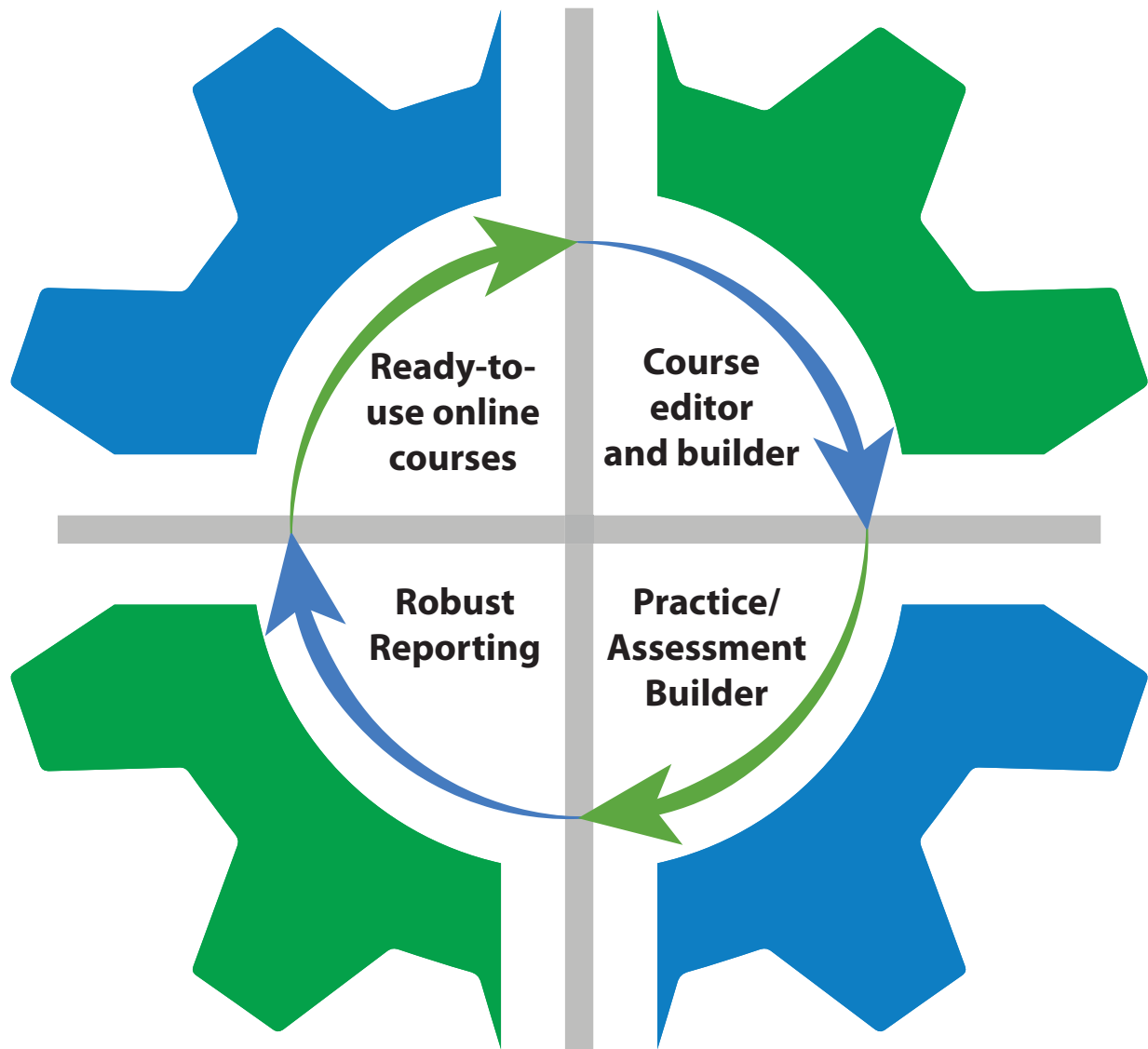


- ✓ 100% aligned to the NCSCOS
- ✓ Complete online and printed resources
- ✓ Course editor and course creator included



Walch's hybrid curriculums are targeted, user-friendly, flexible, and cost-effective. They enrich the quality of instruction, improve educational outcomes, and close gaps.

Let the **Curriculum Engine** work for you!



- ✓ **SIMPLE GOOGLE CLASSROOM INTEGRATION**
- ✓ **ALSO AVAILABLE IN CANVAS**

The Curriculum Engine platform works with leading learning management systems and student information systems, or it can be used on a stand-alone basis.



Course materials include:

Standards

Essential Questions

Words to Know

Conceptual Activities

Recommended Resources

Warm-Ups with Debriefs and Connections to the Lesson

Common Errors and Misconceptions

Identified Prerequisite Skills

Key Concepts

Scaffolded Practice

Guided Practice

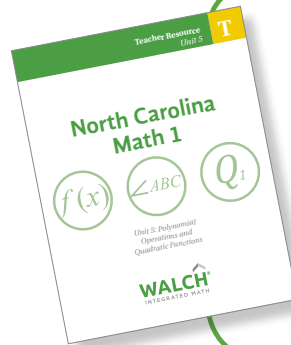
Problem-Based Tasks with Coaching Questions and Implementation Guides

Two Sets of Additional Practice

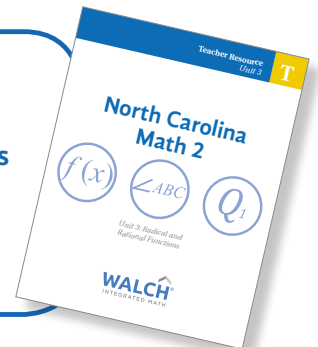
Interactive Worksheets

Pre-, Progress, and Unit Assessments

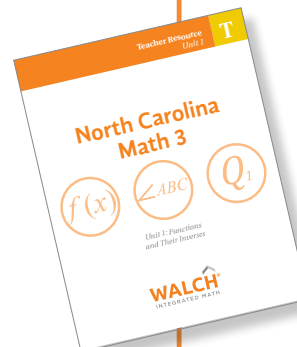
Station Activities



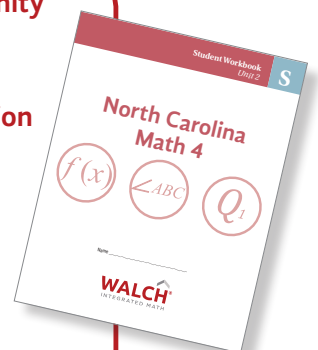
Introduction to Functions and Equations
 Linear Functions
 Coordinate Geometry and Linear Systems
 Exponential Functions
 Polynomial Operations and Quadratic Functions
 Statistics



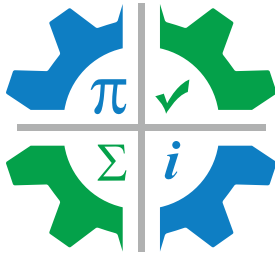
Transformations
 Quadratics
 Radical and Rational Functions
 Similarity and Congruence
 Trigonometry
 Probability



Functions and Their Inverses
 Modeling with Functions
 Polynomial Functions
 Rational Functions
 Exponential and Logarithmic Functions
 Modeling and Reasoning with Geometry
 Circles
 Trigonometric Functions
 Statistics



Building Mathematical Community with Parent Functions and Key Features
 Piecewise Functions, Composition of Functions, and Regression
 Logarithmic Functions
 Trigonometry
 Exploratory Data Analysis
 Probability Distributions
 Statistical Inference
 ACT Prep: Complex Numbers, Matrices, and Vectors



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