

Equals Mathematics

K-12 Age-Neutral Multi-Year Math Curriculum

Research-based

Based on extensive research in math instruction and best practices, cognitive science, action research, and recommendations from highly regarded professional organizations such as National Council of Teachers of Mathematics.

Best Practice Math Instruction

Detailed and systematic instruction with a clear progression of learning from the beginning to the end of every lesson, utilizing best practice math instructional strategies, including concrete, semi-concrete, and abstract instructional sequence.

Student Assessment and Progress Tracking

Equals Mathematics curriculum includes an initial assessment for placement. Alternative test items with heavy support for learners with non-verbal abilities, motor needs, and/or cognitive challenges ensure all students have the opportunity to show what they know about math. Additionally, progress tracking on every objective is included, with a one-page test for every lesson, differentiated for learners in three levels.

Utilizes Classroom Technology

The complete program includes the web-based Equals Technology Lesson Center to support the use of interactive whiteboard, tablet, and computer desktop or laptop for group instruction, problem solving, and demonstrations in every lesson. Switch access is incorporated into workmats and games creating a fully accessible and interactive experience for all students.

Standards

With a comprehensive scope and sequence, Equals Mathematics curriculum aligns to state and alternate standards, Common Core State Standards [CCSS], and Common Core Essential Elements [CCEE] – Kindergarten through 12th grade.

Scope and Sequence

Addressing essential math skills from pre-readiness to an introduction of fractions, Equals Math is designed with age-neutral lessons and materials from all math content areas to support students in K-12 with mild, moderate, and severe disabilities.

Multi-sensory Structure

A comprehensive manipulative kit is included to assist students in making connections and supporting short-term memory as math problems are solved with hands-on materials, visual supports, and a variety of tools and methods.

161% Gains

In our most recent four-year case study, students on average are showing 161% gains in math skills while using Equals Mathematics.

Learn more at
<https://goo.gl/w1UmL2>

Free Loan Kit

Try before you buy with a free Equals loan kit.

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Math Curriculum

Equals PreK

Developed for All Young Math Learners

Foundational Skills

Equals PreK incorporates and connects concepts of subitizing, cardinality, 1:1 correspondence, color and shape identification and quantitative and positional concepts as students learn to count, match, sort, and construct sets and basic patterns.

Assessments

Integrated in a play-based manner conducted as students work and play in each lesson and challenge station, the assessment allows for adult observation and presentation of assessment items to gauge student knowledge in a fun and student-engaging style. Play center test items and materials at three levels included when teachers need to assess what was missed during observation.

Differentiated Instruction

Developed for all learners and includes strategies specifically for students with mild, moderate, or severe disabilities. The differentiated learning approaches are provided in two ways, by using leveled instruction and print materials embedded in the curriculum pedagogy as well as a custom-built Action Dictionary. The Action Dictionary provides instructors with strategies and adaptations to meet individual unique students needs.

Researched-based

Action research was conducted to inform lesson content, student materials, and structure for delivery of instruction.

Manipulatives and Matching Cards

The manipulative kit provides much-needed hands-on materials that are utilized and connected across all math content areas. (music, art, literacy, play, and movement are integrated into each lesson).

Standards

Equals PreK is aligned to all state preschool standards or frameworks.

Learn More

Full product details available at

<https://goo.gl/cpiMDo>

Equals Pre-Algebra & Pre-Geometry

Building On Foundational Math Skills

Stepping Stone from Equals

Beginning where the foundational skills of Equals leave off, Pre-Algebra and Pre-Geometry addresses higher-order math skills for middle and high school students, including algebraic thinking and key geometry terms and concepts. The curriculum includes the use of tables and other workmats to explore operations, scalar thinking, number relationships, introduction to functions and unknowns, large number comparisons, integers, patterns, ratio and proportion, properties, fractions, and percentages.

Student Assessment

For placement and tracking measurable progress of higher-order math concepts and skills. Alternative test items with heavy support for learners with non-verbal abilities, motor needs, and/or cognitive challenges ensure all students have the opportunity to show what they know.

Best Practice Math Instruction

Detailed and systematic instruction with a clear progression of learning in every lesson, utilizing best practice math instructional strategies, including concrete, semi-concrete, and abstract instructional sequence.

Multi-sensory Structure

A comprehensive manipulative kit is included to assist students in making connections and supporting short-term memory as math problems are solved with hands-on materials, visual support, and a variety of tools and methods.

Standards

With a comprehensive scope and sequence the curriculum aligns to state and alternate standards, and Common Core State Standards [CCSS] – 5th grade through 12th grade.

Learn More

Full product details available at

<https://goo.gl/is80Mb>