

ENVISION MATH GEOMETRY PROGRAM

ENVISION MATH GEOMETRY PROGRAM IS A COMPREHENSIVE EDUCATIONAL RESOURCE DESIGNED TO ENHANCE STUDENTS' UNDERSTANDING OF GEOMETRY CONCEPTS THROUGH INTERACTIVE LESSONS, PRACTICE EXERCISES, AND REAL-WORLD APPLICATIONS. THIS PROGRAM INTEGRATES VISUAL LEARNING TOOLS WITH RIGOROUS MATHEMATICAL INSTRUCTION, MAKING IT IDEAL FOR DIVERSE CLASSROOM SETTINGS AND INDIVIDUAL STUDY. THE ENVISION MATH GEOMETRY PROGRAM EMPHASIZES CRITICAL THINKING, PROBLEM-SOLVING SKILLS, AND THE DEVELOPMENT OF SPATIAL REASONING NECESSARY FOR MASTERING GEOMETRY. IT ALIGNS WITH CURRENT EDUCATIONAL STANDARDS, ENSURING THAT STUDENTS ARE WELL-PREPARED FOR ASSESSMENTS AND FUTURE MATH COURSES. EDUCATORS BENEFIT FROM THE PROGRAM'S STRUCTURED CURRICULUM AND EXTENSIVE SUPPORT MATERIALS, WHICH FACILITATE EFFECTIVE TEACHING AND STUDENT ENGAGEMENT. THIS ARTICLE EXPLORES THE KEY FEATURES OF THE ENVISION MATH GEOMETRY PROGRAM, ITS BENEFITS, CURRICULUM STRUCTURE, AND IMPLEMENTATION STRATEGIES IN EDUCATIONAL ENVIRONMENTS. THE FOLLOWING SECTIONS WILL PROVIDE A DETAILED OVERVIEW OF HOW THIS PROGRAM SUPPORTS GEOMETRY LEARNING AND INSTRUCTIONAL SUCCESS.

- OVERVIEW OF THE ENVISION MATH GEOMETRY PROGRAM
- KEY FEATURES AND BENEFITS
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OVERVIEW OF THE ENVISION MATH GEOMETRY PROGRAM

THE ENVISION MATH GEOMETRY PROGRAM IS A PART OF THE LARGER ENVISION MATH SERIES, TAILORED SPECIFICALLY TO ADDRESS THE COMPLEXITIES OF GEOMETRIC CONCEPTS IN MIDDLE AND HIGH SCHOOL EDUCATION. IT COMBINES TRADITIONAL TEACHING METHODS WITH INNOVATIVE TECHNOLOGY TO CREATE AN ENGAGING LEARNING ENVIRONMENT. THE PROGRAM FOCUSES ON FUNDAMENTAL GEOMETRY TOPICS SUCH AS POINTS, LINES, PLANES, ANGLES, POLYGONS, CIRCLES, AND THREE-DIMENSIONAL FIGURES. BY INCORPORATING INTERACTIVE VISUALIZATIONS AND STEP-BY-STEP PROBLEM-SOLVING TECHNIQUES, THE ENVISION MATH GEOMETRY PROGRAM ENHANCES STUDENTS' CONCEPTUAL UNDERSTANDING AND APPLICATION SKILLS.

PURPOSE AND TARGET AUDIENCE

THE PRIMARY PURPOSE OF THE ENVISION MATH GEOMETRY PROGRAM IS TO PROVIDE STUDENTS WITH A SOLID FOUNDATION IN GEOMETRY, PREPARING THEM FOR HIGHER-LEVEL MATHEMATICS AND REAL-WORLD PROBLEM SOLVING. THE PROGRAM IS DESIGNED FOR STUDENTS IN GRADES 6 THROUGH 12, ACCOMMODATING VARIOUS LEARNING STYLES AND PROFICIENCY LEVELS. IT SERVES BOTH CLASSROOM INSTRUCTION AND INDIVIDUAL LEARNING, MAKING IT ADAPTABLE TO DIFFERENT EDUCATIONAL CONTEXTS.

ALIGNMENT WITH EDUCATIONAL STANDARDS

THIS PROGRAM ALIGNS WITH COMMON CORE STATE STANDARDS (CCSS) AND OTHER NATIONAL AND STATE STANDARDS FOR MATHEMATICS. ITS CONTENT AND INSTRUCTIONAL APPROACH ENSURE THAT STUDENTS MEET GRADE-LEVEL EXPECTATIONS IN GEOMETRY WHILE BUILDING SKILLS THAT SUPPORT STEM READINESS. THE ENVISION MATH GEOMETRY PROGRAM EMPHASIZES CONCEPTUAL UNDERSTANDING, PROCEDURAL SKILLS, AND MATHEMATICAL REASONING AS OUTLINED BY EDUCATIONAL BENCHMARKS.

KEY FEATURES AND BENEFITS

THE ENVISION MATH GEOMETRY PROGRAM OFFERS A ROBUST SET OF FEATURES DESIGNED TO FACILITATE COMPREHENSIVE LEARNING AND RETENTION OF GEOMETRY CONCEPTS. ITS BENEFITS EXTEND TO STUDENTS, EDUCATORS, AND EDUCATIONAL INSTITUTIONS BY PROMOTING EFFECTIVE TEACHING AND MEASURABLE ACADEMIC IMPROVEMENT.

INTERACTIVE DIGITAL TOOLS

ONE OF THE STANDOUT FEATURES OF THE ENVISION MATH GEOMETRY PROGRAM IS ITS INTERACTIVE DIGITAL PLATFORM. THIS INCLUDES DYNAMIC GEOMETRY SOFTWARE, VIRTUAL MANIPULATIVES, AND ANIMATED TUTORIALS THAT ALLOW STUDENTS TO VISUALIZE COMPLEX SHAPES AND TRANSFORMATIONS. THESE TOOLS SUPPORT EXPLORATORY LEARNING AND HELP STUDENTS GRASP ABSTRACT CONCEPTS THROUGH HANDS-ON EXPERIENCES.

DIVERSE INSTRUCTIONAL METHODS

THE PROGRAM INCORPORATES A VARIETY OF INSTRUCTIONAL METHODS, INCLUDING DIRECT INSTRUCTION, GUIDED PRACTICE, COLLABORATIVE ACTIVITIES, AND INDEPENDENT PROBLEM SOLVING. THIS MULTIMODAL APPROACH ADDRESSES DIFFERENT LEARNING PREFERENCES AND ENCOURAGES ACTIVE PARTICIPATION. IT ALSO HELPS BUILD CRITICAL THINKING SKILLS BY PRESENTING GEOMETRY IN MULTIPLE CONTEXTS.

COMPREHENSIVE ASSESSMENT OPTIONS

ASSESSMENT IS INTEGRAL TO THE ENVISION MATH GEOMETRY PROGRAM, FEATURING FORMATIVE AND SUMMATIVE EVALUATIONS. THESE INCLUDE QUIZZES, UNIT TESTS, PERFORMANCE TASKS, AND DIAGNOSTIC ASSESSMENTS THAT PROVIDE IMMEDIATE FEEDBACK. THIS VARIETY ALLOWS EDUCATORS TO IDENTIFY LEARNING GAPS AND ADJUST INSTRUCTION TO MEET STUDENT NEEDS EFFECTIVELY.

BENEFITS FOR EDUCATORS AND STUDENTS

- ENHANCED STUDENT ENGAGEMENT THROUGH INTERACTIVE CONTENT
- CLEAR ALIGNMENT WITH STANDARDS ENSURING CURRICULUM RELEVANCE
- SUPPORT FOR DIFFERENTIATED INSTRUCTION AND VARIED LEARNING STYLES
- REAL-TIME PROGRESS MONITORING FOR TARGETED INTERVENTIONS
- ACCESS TO PROFESSIONAL DEVELOPMENT AND TEACHING RESOURCES

CURRICULUM STRUCTURE AND CONTENT

THE CURRICULUM OF THE ENVISION MATH GEOMETRY PROGRAM IS SYSTEMATICALLY ORGANIZED TO BUILD KNOWLEDGE PROGRESSIVELY AND REINFORCE LEARNING AT EACH STAGE. IT COVERS ESSENTIAL GEOMETRY TOPICS WITH DETAILED EXPLANATIONS, EXAMPLES, AND PRACTICE OPPORTUNITIES.

SCOPE AND SEQUENCE

THE CURRICULUM BEGINS WITH FOUNDATIONAL CONCEPTS SUCH AS POINTS, LINES, AND PLANES, ADVANCING TO MORE COMPLEX TOPICS INCLUDING CONGRUENCE, SIMILARITY, RIGHT TRIANGLES, TRIGONOMETRY, AND CIRCLES. LATER UNITS ADDRESS AREA, VOLUME, COORDINATE GEOMETRY, AND TRANSFORMATIONAL GEOMETRY. EACH UNIT IS DESIGNED TO BUILD ON THE PREVIOUS ONE, ENSURING A COHERENT AND CUMULATIVE LEARNING EXPERIENCE.

LESSON COMPONENTS

EACH LESSON WITHIN THE ENVISION MATH GEOMETRY PROGRAM INCLUDES SEVERAL COMPONENTS:

- **INTRODUCTION:** PRESENTS OBJECTIVES AND KEY CONCEPTS.
- **INSTRUCTIONAL CONTENT:** DETAILED EXPLANATIONS WITH VISUALS AND EXAMPLES.
- **GUIDED PRACTICE:** STEP-BY-STEP EXERCISES WITH TEACHER SUPPORT.
- **INDEPENDENT PRACTICE:** PROBLEMS FOR INDIVIDUAL SKILL APPLICATION.
- **REVIEW AND REFLECTION:** SUMMARIES AND CRITICAL THINKING QUESTIONS.

INSTRUCTIONAL SUPPORT AND RESOURCES

THE ENVISION MATH GEOMETRY PROGRAM OFFERS EXTENSIVE INSTRUCTIONAL SUPPORT TO ASSIST EDUCATORS IN DELIVERING EFFECTIVE LESSONS AND MANAGING CLASSROOM ACTIVITIES.

TEACHER GUIDES AND LESSON PLANS

COMPREHENSIVE TEACHER GUIDES ACCOMPANY THE PROGRAM, PROVIDING DETAILED LESSON PLANS, TEACHING STRATEGIES, AND PACING SUGGESTIONS. THESE GUIDES INCLUDE ANSWERS TO EXERCISES, COMMON STUDENT MISCONCEPTIONS, AND DIFFERENTIATION TIPS TO ACCOMMODATE DIVERSE LEARNERS.

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

EDUCATORS HAVE ACCESS TO PROFESSIONAL DEVELOPMENT WORKSHOPS AND ONLINE TRAINING SESSIONS FOCUSED ON MAXIMIZING THE USE OF THE ENVISION MATH GEOMETRY PROGRAM. THESE SESSIONS COVER INSTRUCTIONAL BEST PRACTICES, TECHNOLOGY INTEGRATION, AND ASSESSMENT TECHNIQUES TO ENHANCE TEACHING EFFECTIVENESS.

SUPPLEMENTARY MATERIALS

ADDITIONAL RESOURCES SUCH AS WORKSHEETS, PROJECT IDEAS, AND ENRICHMENT ACTIVITIES ARE AVAILABLE TO SUPPORT VARIED INSTRUCTIONAL GOALS. THE PROGRAM ALSO INCLUDES TOOLS FOR PARENTAL ENGAGEMENT, HELPING FAMILIES SUPPORT STUDENT LEARNING AT HOME.

IMPLEMENTATION IN THE CLASSROOM

SUCCESSFUL IMPLEMENTATION OF THE ENVISION MATH GEOMETRY PROGRAM REQUIRES THOUGHTFUL PLANNING AND ADAPTATION TO INDIVIDUAL SCHOOL ENVIRONMENTS. ITS FLEXIBLE DESIGN SUPPORTS VARIOUS INSTRUCTIONAL MODELS, INCLUDING

TRADITIONAL CLASSROOM TEACHING, BLENDED LEARNING, AND REMOTE EDUCATION.

INTEGRATION WITH EXISTING CURRICULUM

THE PROGRAM CAN BE SEAMLESSLY INTEGRATED INTO EXISTING MATH CURRICULA DUE TO ITS ALIGNMENT WITH STANDARDS AND MODULAR STRUCTURE. EDUCATORS CAN SELECT SPECIFIC UNITS OR LESSONS TO SUPPLEMENT CURRENT INSTRUCTION OR ADOPT THE ENTIRE PROGRAM AS THE PRIMARY GEOMETRY RESOURCE.

TECHNOLOGY REQUIREMENTS

WHILE THE ENVISION MATH GEOMETRY PROGRAM INCLUDES DIGITAL COMPONENTS, IT IS DESIGNED TO FUNCTION WITH MINIMAL TECHNOLOGY INFRASTRUCTURE. SCHOOLS WITH LIMITED ACCESS TO DEVICES CAN UTILIZE PRINTED MATERIALS AND OFFLINE RESOURCES WITHOUT COMPROMISING INSTRUCTIONAL QUALITY.

STRATEGIES FOR STUDENT ENGAGEMENT

TO OPTIMIZE STUDENT ENGAGEMENT, EDUCATORS ARE ENCOURAGED TO INCORPORATE INTERACTIVE ACTIVITIES, COLLABORATIVE PROJECTS, AND REAL-WORLD APPLICATIONS OF GEOMETRY. THE PROGRAM'S VISUAL TOOLS AND PROBLEM-SOLVING TASKS FOSTER CURIOSITY AND MOTIVATION IN LEARNERS.

ASSESSMENT AND STUDENT PROGRESS TRACKING

MONITORING STUDENT PROGRESS IS A CRITICAL ELEMENT OF THE ENVISION MATH GEOMETRY PROGRAM, ENSURING THAT LEARNING OBJECTIVES ARE MET AND INSTRUCTIONAL ADJUSTMENTS ARE DATA-DRIVEN.

FORMATIVE AND SUMMATIVE ASSESSMENTS

THE PROGRAM OFFERS A VARIETY OF ASSESSMENTS TO EVALUATE ONGOING UNDERSTANDING AND MASTERY OF GEOMETRY CONCEPTS. FORMATIVE ASSESSMENTS PROVIDE IMMEDIATE INSIGHTS DURING INSTRUCTION, WHILE SUMMATIVE ASSESSMENTS MEASURE OVERALL ACHIEVEMENT AT UNIT OR COURSE COMPLETION.

DATA-DRIVEN INSTRUCTION

TEACHERS CAN USE ASSESSMENT DATA TO IDENTIFY STRENGTHS AND WEAKNESSES, CUSTOMIZE INSTRUCTION, AND PROVIDE TARGETED INTERVENTIONS. THE ENVISION MATH GEOMETRY PROGRAM SUPPORTS PROGRESS TRACKING THROUGH DIGITAL DASHBOARDS AND REPORTING TOOLS, FACILITATING INFORMED DECISION-MAKING.

STUDENT SELF-ASSESSMENT AND REFLECTION

ENCOURAGING STUDENTS TO ENGAGE IN SELF-ASSESSMENT HELPS DEVELOP METACOGNITIVE SKILLS AND RESPONSIBILITY FOR THEIR LEARNING. REFLECTION PROMPTS AND GOAL-SETTING ACTIVITIES ARE INTEGRATED INTO THE PROGRAM TO PROMOTE CONTINUOUS IMPROVEMENT.

FREQUENTLY ASKED QUESTIONS

WHAT IS THE ENVISION MATH GEOMETRY PROGRAM?

THE ENVISION MATH GEOMETRY PROGRAM IS A COMPREHENSIVE MATH CURRICULUM DESIGNED TO TEACH GEOMETRY CONCEPTS THROUGH VISUAL LEARNING, INTERACTIVE ACTIVITIES, AND PROBLEM-SOLVING STRATEGIES.

WHO PUBLISHES THE ENVISION MATH GEOMETRY PROGRAM?

THE ENVISION MATH GEOMETRY PROGRAM IS PUBLISHED BY SAVVAS LEARNING COMPANY, FORMERLY KNOWN AS PEARSON.

WHAT GRADE LEVELS IS THE ENVISION MATH GEOMETRY PROGRAM INTENDED FOR?

THE ENVISION MATH GEOMETRY PROGRAM IS PRIMARILY DESIGNED FOR HIGH SCHOOL STUDENTS, TYPICALLY GRADES 9-12.

WHAT ARE THE KEY FEATURES OF THE ENVISION MATH GEOMETRY PROGRAM?

KEY FEATURES INCLUDE INTERACTIVE DIGITAL LESSONS, REAL-WORLD APPLICATION PROBLEMS, VISUAL MODELS, STEP-BY-STEP EXPLANATIONS, AND ASSESSMENTS ALIGNED WITH COMMON CORE STANDARDS.

DOES THE ENVISION MATH GEOMETRY PROGRAM ALIGN WITH COMMON CORE STATE STANDARDS?

YES, THE ENVISION MATH GEOMETRY PROGRAM IS ALIGNED WITH COMMON CORE STATE STANDARDS TO ENSURE STUDENTS MEET REQUIRED LEARNING GOALS.

ARE THERE DIGITAL RESOURCES AVAILABLE WITH THE ENVISION MATH GEOMETRY PROGRAM?

YES, THE PROGRAM INCLUDES DIGITAL RESOURCES SUCH AS INTERACTIVE EBOOKS, VIRTUAL MANIPULATIVES, VIDEOS, AND ONLINE ASSESSMENTS TO SUPPORT DIVERSE LEARNING STYLES.

HOW DOES ENVISION MATH GEOMETRY SUPPORT DIFFERENTIATED INSTRUCTION?

THE PROGRAM OFFERS TIERED LESSONS, SCAFFOLDED PRACTICE, AND VARIOUS LEARNING MODALITIES TO SUPPORT LEARNERS AT DIFFERENT LEVELS AND PROMOTE MASTERY.

CAN TEACHERS TRACK STUDENT PROGRESS WITH ENVISION MATH GEOMETRY?

YES, THE PROGRAM INCLUDES TOOLS FOR TEACHERS TO MONITOR STUDENT PROGRESS THROUGH REPORTS, QUIZZES, AND FORMATIVE ASSESSMENTS.

IS ENVISION MATH GEOMETRY SUITABLE FOR REMOTE OR HYBRID LEARNING ENVIRONMENTS?

YES, ITS DIGITAL PLATFORM AND RESOURCES ARE DESIGNED TO SUPPORT BOTH IN-PERSON AND REMOTE LEARNING SCENARIOS EFFECTIVELY.

HOW CAN PARENTS SUPPORT THEIR CHILDREN USING THE ENVISION MATH GEOMETRY PROGRAM?

PARENTS CAN SUPPORT THEIR CHILDREN BY ACCESSING THE PROGRAM'S ONLINE RESOURCES, REVIEWING LESSON VIDEOS, AND ENCOURAGING PRACTICE WITH INTERACTIVE ACTIVITIES PROVIDED IN THE CURRICULUM.

ADDITIONAL RESOURCES

1. *ENVISION MATH GEOMETRY: STUDENT EDITION*

THIS COMPREHENSIVE TEXTBOOK IS DESIGNED TO SUPPORT MIDDLE AND HIGH SCHOOL STUDENTS IN MASTERING GEOMETRY CONCEPTS THROUGH THE ENVISION MATH PROGRAM. IT OFFERS CLEAR EXPLANATIONS, ENGAGING VISUALS, AND A VARIETY OF PRACTICE PROBLEMS TO REINFORCE LEARNING. THE BOOK COVERS FUNDAMENTAL TOPICS SUCH AS POINTS, LINES, ANGLES, TRIANGLES, CIRCLES, AND POLYGONS, MAKING IT AN ESSENTIAL RESOURCE FOR GEOMETRY LEARNERS.

2. *ENVISION MATH GEOMETRY TEACHER'S EDITION*

SPECIFICALLY CREATED FOR EDUCATORS, THIS EDITION PROVIDES DETAILED LESSON PLANS, TEACHING STRATEGIES, AND ANSWER KEYS ALIGNED WITH THE ENVISION MATH GEOMETRY CURRICULUM. IT INCLUDES FORMATIVE ASSESSMENTS AND DIFFERENTIATED INSTRUCTION TIPS TO HELP TEACHERS MEET DIVERSE STUDENT NEEDS. THE BOOK FACILITATES EFFECTIVE CLASSROOM INSTRUCTION AND SUPPORTS STUDENT SUCCESS IN GEOMETRY.

3. *ENVISION MATH GEOMETRY WORKBOOK*

THIS SUPPLEMENTARY WORKBOOK OFFERS ADDITIONAL PRACTICE EXERCISES AND REAL-WORLD PROBLEM-SOLVING ACTIVITIES THAT COMPLEMENT THE ENVISION MATH GEOMETRY PROGRAM. IT ENCOURAGES STUDENTS TO APPLY GEOMETRIC CONCEPTS IN VARIOUS CONTEXTS, ENHANCING THEIR CRITICAL THINKING SKILLS. THE WORKBOOK IS IDEAL FOR HOMEWORK, REVIEW SESSIONS, AND TEST PREPARATION.

4. *ENVISION MATH GEOMETRY INTERACTIVE STUDENT EDITION*

AN INTERACTIVE DIGITAL VERSION OF THE ENVISION MATH GEOMETRY TEXTBOOK, THIS EDITION INTEGRATES MULTIMEDIA RESOURCES SUCH AS VIDEOS, ANIMATIONS, AND INTERACTIVE QUIZZES. IT ENGAGES STUDENTS THROUGH TECHNOLOGY, ALLOWING FOR A MORE DYNAMIC LEARNING EXPERIENCE. THE DIGITAL FORMAT ALSO SUPPORTS PERSONALIZED LEARNING PATHS AND INSTANT FEEDBACK.

5. *ENVISION MATH GEOMETRY ASSESSMENT GUIDE*

THIS GUIDE OFFERS A COLLECTION OF FORMATIVE AND SUMMATIVE ASSESSMENTS ALIGNED WITH THE ENVISION MATH GEOMETRY CURRICULUM STANDARDS. IT INCLUDES QUIZZES, TESTS, AND PERFORMANCE TASKS DESIGNED TO EVALUATE STUDENT UNDERSTANDING EFFECTIVELY. THE GUIDE ASSISTS EDUCATORS IN TRACKING PROGRESS AND IDENTIFYING AREAS FOR REMEDIATION.

6. *ENVISION MATH GEOMETRY COMMON CORE EDITION*

TAILORED TO MEET COMMON CORE STATE STANDARDS, THIS EDITION EMPHASIZES CRITICAL THINKING AND PROBLEM-SOLVING SKILLS IN GEOMETRY. IT ALIGNS LESSONS AND EXERCISES WITH STATE STANDARDS TO ENSURE COMPREHENSIVE COVERAGE OF REQUIRED TOPICS. THE BOOK IS SUITABLE FOR SCHOOLS ADOPTING THE COMMON CORE FRAMEWORK IN THEIR MATH INSTRUCTION.

7. *ENVISION MATH GEOMETRY PRACTICE AND PROBLEM SOLVING*

FOCUSED ON REINFORCING SKILLS, THIS BOOK PROVIDES A WIDE RANGE OF PRACTICE PROBLEMS AND CHALLENGING PUZZLES RELATED TO GEOMETRY CONCEPTS. IT ENCOURAGES STUDENTS TO DEEPEN THEIR UNDERSTANDING THROUGH REPEATED APPLICATION AND EXPLORATION OF GEOMETRIC PRINCIPLES. THIS RESOURCE IS PERFECT FOR EXTRA PRACTICE BEYOND THE CLASSROOM CURRICULUM.

8. *ENVISION MATH GEOMETRY CONCEPTUAL UNDERSTANDING GUIDE*

THIS GUIDE EMPHASIZES THE DEVELOPMENT OF CONCEPTUAL UNDERSTANDING IN GEOMETRY BY BREAKING DOWN COMPLEX IDEAS INTO ACCESSIBLE EXPLANATIONS. IT USES VISUAL AIDS AND REAL-LIFE EXAMPLES TO HELP STUDENTS GRASP ABSTRACT CONCEPTS MORE EASILY. THE BOOK SUPPORTS LEARNERS IN BUILDING A STRONG FOUNDATION FOR ADVANCED GEOMETRY TOPICS.

9. *ENVISION MATH GEOMETRY PARENT AND STUDENT RESOURCE*

DESIGNED TO SUPPORT BOTH STUDENTS AND PARENTS, THIS RESOURCE PROVIDES TIPS, EXPLANATIONS, AND STRATEGIES FOR MASTERING GEOMETRY CONTENT IN THE ENVISION MATH PROGRAM. IT INCLUDES STUDY GUIDES, GLOSSARIES, AND PRACTICE ACTIVITIES TO FACILITATE COLLABORATIVE LEARNING AT HOME. THE BOOK AIMS TO FOSTER CONFIDENCE AND SUCCESS IN GEOMETRY THROUGH FAMILY INVOLVEMENT.

Envision Math Geometry Program

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By teaching the essence of arithmetic in sensible ways and appealing to children's love of games, songs, and movement, he's proven that virtually ALL children can learn arithmetic — the foundation of algebra, higher mathematics, science, technology, and more, even music! When children understand arithmetic, they own it. It's no longer just their teacher's math. It's their math! America's children are being held back in math because of how arithmetic is drug out in elementary school. Virtually every textbook-based elementary school math program in use today is mind-numbing in its repetitiveness from grade to grade. The reason for the redundancy is to slow down the teaching of arithmetic so it can be memorized. Research shows that the human brain is not designed to remember things learned by rote when no longer practiced. That's acknowledged in the "use-it-or-lose-it" aphorism that states the obvious, that we remember what we use and forget what we don't. You know that to be true if you've ever forgotten things you once knew as well as your own name — things like an old address or a license plate number. Every child can understand base ten numeration when taught hands-on with arithmetic blocks. Thereby, every child can understand base ten arithmetic. And every child can learn how to count out the number facts, like $5 + 7 = 12$, $17 - 8 = 9$, $6 \times 7 = 42$, and $56 \div 7 = 8$, and, if they forget one, never have to guess and risk ridicule and bad grades if they guess wrong. What matters in teaching arithmetic is not how much a child can remember but how much they can figure out if/when they forget.

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