

enVisionMATH, Kentucky Student Edition

Textbook

Teacher Edition

032845396X

Includes 20 Teacher Editions and other support materials.

Essential Items

Accessibility

Ancillary Items

Grade

5

TYPE

P1

Copyright

2010

Author

Charles, R.I., et al.

Edition

1st

Content

Elementary
 Mathematics

Readability

750

Accessibility

Nimas

Research

www.scottforesman.
 com

0328085898	Math Across The Grades (Grades K-6) Research-based math background for every math strand.	\$50.00
0328085995	Module 1, Numbers and Operations (Grades K-6) First Module in Professional Development Series.	\$449.00
0328086002	Module 2, Algebra (Grades K-6) Second Module in Professional Development Series.	\$449.00
0328086010	Module 3, Problem Solving (Grades K-6) Third Module in Professional Development Series.	\$449.00
0328086169	Professional Development Series Package, Modules 1-3 (Grades K-6) Includes training manual, overhead transparencies, CD-ROM, and a variety of other materials for hands-on activities. Modules include: Numbers and Operations, Algebra, and Problem Solving.	\$1,130.95
0328093629	Professional Development Independent Study Packages: Numbers and Reproducible Independent Study Guide and Classroom footage in DVD and VHS format.	\$230.00
0328093637	Professional Development Independent Study Packages: Algebra (Grades K-6) Reproducible Independent Study Guide and Classroom footage in DVD and VHS format.	\$230.00
0328093645	Professional Development Independent Study Packages: Problem Solving Reproducible Independent Study Guide and Classroom footage in DVD and VHS format.	\$230.00
0328284823	Topics 1-20 Teaching Tool Masters (Grade 5) All the Black Line Masters needed for each topic. All of the Black Line Masters are also organized by topic in the Teacher's Edition and Resource Package.	\$10.00
0328348643	Overhead Manipulatives Kit (Grade 5-6) Assorted overhead materials.	\$49.60
0328365025	Classroom Manipulatives Kit (Grade 5-6) Assorted materials for the classroom to support lesson activities.	\$377.00
0328440485	Premium Digital System 1-Year License, per student (Grade 5) Online Student Edition, Online Student Center, Online Teacher Edition, Online Teacher Edition, and SuccessTracker access for one year.	\$8.50
0328441783	Premium Digital System 6-Year License, per student (Grade 5)	\$51.00

enVisionMATH, Kentucky Student Edition

032830428X	Teacher Resource Master Package (Grade 5) Teacher support materials, program overview, topic planners, pacing guide, and more.	\$200.00
0328437212	Kentucky Topic Overview and Implementation Guide (Grade 5) Program overview, topic planners, pacing guide, and more.	\$20.00
0328437220	Kentucky Teacher Edition Topic 1 (Grade 5) Teacher Edition specific to Topic 1.	\$20.00
0328437239	Kentucky Teacher Edition Topic 20 (Grade 5) Teacher Edition specific to Topic 20.	\$20.00
0328437247	Kentucky Teacher Edition Topic 2 (Grade 5) Teacher Edition specific to Topic 2.	\$20.00
0328437255	Kentucky Teacher Edition Topic 3 (Grade 5) Teacher Edition specific to Topic 3.	\$20.00
0328437263	Kentucky Teacher Edition Topic 4 (Grade 5) Teacher Edition specific to Topic 4.	\$20.00
0328437271	Kentucky Teacher Edition Topic 5 (Grade 5) Teacher Edition specific to Topic 5.	\$20.00
032843728X	Kentucky Teacher Edition Topic 6 (Grade 5) Teacher Edition specific to Topic 6.	\$20.00
0328437298	Kentucky Teacher Edition Topic 7 (Grade 5) Teacher Edition specific to Topic 7.	\$20.00
0328437301	Kentucky Teacher Edition Topic 8 (Grade 5) Teacher Edition specific to Topic 8.	\$20.00
032843731X	Kentucky Teacher Edition Topic 9 (Grade 5) Teacher Edition specific to Topic 9.	\$20.00

Free with Purchase items

0328085987	Professional Development Needs Assessment (Grades K-6) 1 Free with the purchase of 25 Gr. 5 Kentucky Student Editions Research-based best practices show teachers how to interpret and assess student scores, staff developmental needs and implement a professional	\$50.00
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Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN	0328430994	Publisher -	Pearson Education, Inc., publishing as Scott Foresman		
	enVisionMATH, Kentucky Student Edition					
	Type - P1	Author - Charles, R.I., et al.				
	Copyright - 2010	Edition - 1st	Readability -	750		
	Course - Elementary Mathematics		Grade(s) -	5		
	Teacher Edition ISBN if applicable..... 032845396X					

Overall Recommendation:	Recommended as BASAL
Overall Strengths, Weaknesses, Comments:	if this box is not checked, the evaluators have chosen NOT recommend as basal
The ability for students to be engaged in active inquiry and problem solving is limited.	

NIMAC Accessibility N
 Ancillary Yes
 Free with Purchase Yes
 Research Yes www.scottforesman.com
 Textbook

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations	Strong Evidence
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Text is designed to be used in an elective course outside the Program of Studies

- | | |
|---|-------------------|
| 1) Includes the 5 Big Ideas of mathematics to the following extent: | |
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement | Strong Evidence |
| c) Geometry | Strong Evidence |
| d) Data Analysis and Probability | Strong Evidence |
| e) Algebraic Thinking | Moderate Evidence |
| 2) Addresses content-specific enduring understandings from the related Program of Studies standards. | Strong Evidence |
| 3) Addresses content-specific skills and concepts from the related Program of Studies standards. | Strong Evidence |
| 4) Content addressed is current, relevant and non-trivial | Strong Evidence |
| 5) Provides opportunities for critical thinking/reasoning | Strong Evidence |
| 6) Strengths, Weaknesses, Comments: | |
| • Specific strengths-which areas/concepts are covered exceptionally well? | |
| • Specific weaknesses-which areas/concepts would likely require supplementing? | |
| The only weakness found was in Algebraic Thinking in which more instruction and practice is needed | |

in the area of rules for patterns – numbers and pictures.

B. Functionality & Suitability

Moderate Evidence

1) Suitability

Strong Evidence

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality

Strong Evidence

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy

Moderate Evidence

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology

Moderate Evidence

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners

Strong Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The student text needs more pictures and diagrams. A lot of pages in the text could be overwhelming to our struggling students which leads to limited engagement and lowered interest.

C. Supports Inquiry and Skill Development

Moderate Evidence

1) Promotes Inquiry, research and Application of Learning Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing,

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

justifying, etc.)

- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

This is a very traditional text leaving little room for student inquiry and active engagement using hands-on manipulatives.

D. Supports Best Practices of Teaching and Learning

Moderate Evidence

1) Engages Students

Little or No Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

More illustrations, diagrams and student involvement activities needed. Too much skill and drill.

E. Has an Organization/ Format that Supports Learning and Teaching

Moderate Evidence

1) Organizational Quality

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence

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Mathematics (2009 – 2015)

- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Students would enjoy QuizShow. The transparencies are very useful.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

**Little or No
Evidence**

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

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