

Board of Education Agenda Item

Item: G.

Date: July 28, 2011

Topic: Final Review of Proposed State Approved Textbooks for K-12 Mathematics

Presenter: Dr. Linda Wallinger, Assistant Superintendent for Instruction

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Origin:

Topic presented for information only (no board action required)

Board review required by

State or federal law or regulation

Board of Education regulation

Other:

Action requested at this meeting Action requested at future meeting: _____

Previous Review/Action:

No previous board review/action

Previous review/action

date May 19, 2011

action Accepted for first review the proposed state approved textbooks for K-12 mathematics

Background Information:

The Board of Education's authority for approving textbooks and other instructional materials is prescribed in the Virginia Constitution and in the *Code of Virginia*.

Virginia Constitution, Article VIII, § 5 (d)

It [the Board of Education] shall have authority to approve textbooks and instructional aids and materials for use in courses in the public schools of the Commonwealth.

Code of Virginia, § 22.1-238

- A. The Board of Education shall have the authority to approve textbooks suitable for use in the public schools and shall have authority to approve instructional aids and materials for use in the public schools. The Board shall publish a list of all approved textbooks on its website and shall list the publisher and the current lowest wholesale price of such textbooks.
- B. Any school board may use textbooks not approved by the Board provided the school board selects such books in accordance with regulations promulgated by the Board.
- C. For the purposes of this chapter, the term "textbooks" means print or electronic media for student use that serve as the primary curriculum basis for a grade-level subject or course.

The Board of Education’s current textbook regulations specify the types of materials that may be adopted.

Regulations Governing Textbook Adoption, 8 VAC 20-220-30

Only those materials which are designed to provide basic support for the instructional program of a particular content area at an appropriate level will be adopted.

The Board of Education approved the list of current state-approved K-12 mathematics textbooks on January 12, 2005, following revisions to the *Mathematics Standards of Learning* in 2001 and to the *Mathematics Curriculum Framework* in 2002. The *Mathematics Standards of Learning* were revised in 2009, followed by revisions to the *Mathematics Curriculum Framework* the same year. The revised standards and curriculum framework then prompted the need to review textbooks for correlation to the revised content.

On March 18, 2010, the Board of Education authorized the Department to begin the process of the K-12 mathematics textbooks review using a timeline approved by the Board. The Department of Education used the approved process and criteria to conduct the textbook review. In June 2010, committees of Virginia educators received the mathematics textbook samples along with K-12 *Mathematics Standards of Learning* textbook correlations from publishers. Members of these committees conducted individual analyses of the materials prior to meeting with the full committee. In July 2010, the committees convened in Richmond to reach consensus on their reviews of the submitted materials. The consensus evaluations were shared with publishers, and publishers were given an opportunity to respond to the committees’ reviews and recommendations. Requests by publishers for reconsideration were examined carefully by Department of Education staff, and staff members began preparing the list of proposed approved mathematics textbooks for presentation to the Board.

In late fall 2010, further action was deferred as questions about the textbook review process arose, and the Board indicated interest in revising the textbook review and approval process in January 2011. In order to conform with the revised process approved on March 24, 2011, that required additional information from publishers, publishers of the reviewed mathematics textbooks were asked to complete Publisher’s Certification and Agreement forms for each textbook being considered for approval by the Board. Department of Education staff members reviewed all textbook publishers’ certifications and agreements to ensure they were completed correctly, sufficient information had been provided, and they were signed by an appropriate representative of the publishing company.

Summary of Major Elements

On May 19, 2011, the Board of Education accepted for first review the proposed state approved textbooks for K-12 mathematics. A 30-day public comment period began on May 20, 2011, and ended on June 20, 2011. No public comments were received concerning the proposed approved textbooks for K-12 mathematics.

The list of 61 proposed recommended mathematics textbooks, including the status of the Publisher’s Certification and Agreement forms for each, is included as Attachment A.

Superintendent's Recommendation:

The Superintendent of Public Instruction recommends that the Board of Education approve the attached list of proposed recommended textbooks for K-12 mathematics.

Impact on Resources:

This responsibility can be absorbed by the agency's existing resources at this time. If the agency is required to absorb additional responsibilities related to this process, other services will be impacted.

Timetable for Further Review/Action:

Upon approval, the Department of Education will publish the list of approved textbooks on its Web site in accordance with section § 22.1-238 of the *Code of Virginia*.

Proposed Mathematics Textbooks Recommended for Approval
July 28, 2011

Course	Publisher	Title	Copyright	Satisfactory Completion of Publisher's Certifications and Agreements	
				Yes	No
Kindergarten					
	Houghton Mifflin Harcourt	Math Expressions, Kindergarten	2009	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Kindergarten	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects, Kindergarten	2012	✓	
Grade 1					
	Houghton Mifflin Harcourt	Math Expressions, Grade 1	2009	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Grade 1	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Everyday Mathematics, Grade 1	2007	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects, Grade 1	2012	✓	
Grade 2					
	Houghton Mifflin Harcourt	Math Expressions, Grade 2	2009	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Grade 2	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Everyday Mathematics, Grade 2	2007	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects, Grade 2	2012	✓	

Course	Publisher	Title	Copyright	Satisfactory Completion of Publisher's Certifications and Agreements	
				Yes	No
Grade 3					
	Houghton Mifflin Harcourt	Math Expressions, Grade 3	2009	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Grade 3	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Everyday Mathematics, Grade 3	2007	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects, Grade 3	2012	✓	
Grade 4					
	Houghton Mifflin Harcourt	Math Expressions, Grade 4	2009	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Grade 4	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects, Grade 4	2012	✓	
Grade 5					
	Houghton Mifflin Harcourt	Math Expressions, Grade 5	2009	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Grade 5	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Everyday Mathematics, Grade 5	2007	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects, Grade 5	2012	✓	

Course	Publisher	Title	Copyright	Satisfactory Completion of Publisher's Certifications and Agreements	
				Yes	No
Grade 6					
	Big Ideas Learning, LLC	Big Ideas Math 6, Virginia Edition	2012	✓	
	Houghton Mifflin Harcourt	Holt McDougal Mathematics Course 1, Virginia Edition	2012	✓	
	Pearson Education, Inc., publishing as Scott Foresman	enVisionMATH, Grade 6	2012	✓	
	Pearson Education, Inc., publishing as Prentice Hall	Mathematics, Course 1 Virginia Edition	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Everyday Mathematics, Grade 6	2007	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects Course 1	2012	✓	
Grade 7					
	Big Ideas Learning	Big Ideas Math 7, Virginia Edition	2012	✓	
	Houghton Mifflin Harcourt	Holt McDougal Mathematics Course 2, Virginia Edition	2012	✓	
	Houghton Mifflin Harcourt	McDougal Littell Pre-Algebra	2008	✓	
	Pearson Education, Inc., publishing as Prentice Hall	Mathematics, Course 2 Virginia Edition	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects Course 2	2012	✓	

Course	Publisher	Title	Copyright	Satisfactory Completion of Publisher's Certifications and Agreements	
				Yes	No
Grade 8					
	Big Ideas Learning	Big Ideas Math 8, Virginia Edition	2012	✓	
	Carnegie Learning, Inc.	Bridge to Algebra, Virginia Edition	2010	✓	
	CORD Communications, Inc.	Bridges to Algebra and Geometry	2010	✓	
	Houghton Mifflin Harcourt	Holt McDougal Mathematics Course 3, Virginia Edition	2012	✓	
	Houghton Mifflin Harcourt	McDougal Littell Pre-Algebra	2008	✓	
	Pearson Education, Inc., publishing as Prentice Hall	Mathematics, Course 3 Virginia Edition	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Math Connects Course 3	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Pre-Algebra	2012	✓	
Algebra I					
	Houghton Mifflin Harcourt	Holt McDougal Algebra 1 (Burger et al)	2012	✓	
	Houghton Mifflin Harcourt	Holt McDougal Algebra 1 Concepts and Skills	2010	✓	
	Houghton Mifflin Harcourt	Holt McDougal Algebra 1 (Larson et al)	2011	✓	
	Key Curriculum Press	Discovering Algebra 1	2007	✓	
	The McGraw-Hill Companies School Education Group	Virginia Algebra 1	2012	✓	
	Pearson Education, Inc., publishing as Prentice Hall	Algebra 1 Virginia Edition	2012	✓	

Course	Publisher	Title	Copyright	Satisfactory Completion of Publisher's Certifications and Agreements	
				Yes	No
Geometry					
	Carnegie Learning, Inc.	Geometry, Virginia Edition	2010	✓	
	CORD Communications, Inc.	Geometry	2009	✓	
	Houghton Mifflin Harcourt	Holt McDougal Geometry (Burger et al)	2012	✓	
	Houghton Mifflin Harcourt	Holt McDougal Geometry Concepts and Skills	2010	✓	
	Houghton Mifflin Harcourt	Holt McDougal Geometry (Larson et al)	2011	✓	
	Key Curriculum Press	Discovering Geometry	2007	✓	
	Pearson Education, Inc., publishing as Prentice Hall	Geometry Virginia Edition	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Geometry	2012	✓	
Algebra II					
	Carnegie Learning, Inc.	Algebra II, Virginia Edition	2010	✓	
	Houghton Mifflin Harcourt	Holt McDougal Algebra 2 (Burger et al)	2012	✓	
	Houghton Mifflin Harcourt	Holt McDougal Algebra 2 (Larson et al)	2012	✓	
	Pearson Education, Inc., publishing as Prentice Hall	Algebra 2 Virginia Edition	2012	✓	
	The McGraw-Hill Companies School Education Group	Virginia Algebra 2	2012	✓	
Algebra, Functions, and Data Analysis					
	Pearson Education, Inc., publishing as Prentice Hall	Algebra, Functions, and Data Analysis: A Virginia Course	2009	✓	