This document outlines the final decisions for each program considered for adoption of Mathematics Core Instructional Materials and District-based Support Mathematics Materials during the 2012-2013 adoption selection process.

Elementary

Adopted Program: *Math Expressions Common Core*

The Math Expressions materials were found to be the only materials evaluated that aligned tightly to the new standards at the precise grade level indicated in the standards documents without excessive extraneous materials. The materials include not only the content standards but the Standards for Mathematical Practices as well. In particular, the materials embrace the intent of the new standards - rigor through deeper understanding and problem-solving. Additionally, the program supplied students, teachers and parents with robust and appropriate online and print support materials. Overall, this is a balanced, coherent and rigorous program.

Considered programs, not recommended for adoption:

Program Title	**Publisher**	**Committee Decision-points for elimination**
EnVision Math	Pearson	The program was too traditional in style and approach. While the committee liked the technology, they did not feel
Everyday Math, 2012 Edition	McGraw-Hill	The main concern of the committee around this program was the spiral design, which they felt did not easily support the mastery nature of the new standards. Teachers were concerned that the average 140 lessons per year were too much to adequately teach in a year without removing some parts. Additionally, when asked specifically about this issue the author responded that if any one piece of the spiral is skipped, the entire spiral will collapse.
Investigations, 2nd Edition	Pearson	The publisher pulled this program from consideration and asked that *enVision Math* be considered in its place. We believe that this may have been due to the fact that there is not a re-write planned for this program to align it to CCSS.
Math In Focus, Common Core Edition	Houghton Mifflin Harcourt	Math In Focus was not selected because it was not as tightly aligned to the CCSS as others in consideration. While MiF is designed from the math curriculum of Singapore, which has many things in common with CCSS, the publishers chose to keep the alignment with Singapore rather than fully align with CCSS. Again, with an average of 140 lessons per year, committee members felt that this would be a difficult program to make viable across the district.
My Math!	McGraw-Hill	My Math! Was declined by the committee due to the lack of successful usage (it is a new program) and its more traditional feel.
Stepping Stones	ORIGO	This program was eliminated because there would not be Spanish materials available until after the adoption began. Additionally, their CCSS alignment updates would not be complete until 2014.

Middle School –

6th Grade Mathematics (M05/1S), Compacted 6th/7th (M30/1S+2S), 7th Grade Mathematics (M15/2S), Compacted 7th/8th (M24/2S+3S), 8th Grade Mathematics (M25/3S)

Adopted Program: *Connected Math Program 3*

Connected Math Program, 3rd Edition, was ultimately selected for all of the middle school math courses due to its tight alignment to the new standards, its particular emphasis on inquiry learning, problem solving and the Standards for Mathematical Practice and its newly redesigned format, which build on the strengths all of the previous editions while responding to feedback for improvement. The online resources are robust and offer support to students, parents and teachers. The newest edition offers more structure and practice, while maintaining CMP's focus on problem-solving and deep understanding development. The online resources offer specific examples for students and parents.

Adopted as District-based Support Materials: *Mathematics in Context*

Mathematics in Context was not selected as the core instructional materials choice because it is not fully aligned to the new standards, however, the committee was very impressed with the depth, rigor and variety of the models used in the program. Models help students develop conceptual understanding. The committee felt that it will provide a compliment to CMP3, particularly for the Academic Support Classes that support the 6th, 7th, and 8th grade mathematics courses offered at almost all BVSD middle schools.

Considered programs, not recommended for adoption:

Program Title	**Publisher**	**Committee Decision-points for elimination**
Big Ideas	Houghton Mifflin Harcourt	This program was not selected because the committee felt that its design was too traditional and did not offer the inquiry-based learning that strongly addressing the Standards for Mathematical Practice.
Digits	Pearson/Prentice Hall	This program offered extensive technology for use during instruction, but the instructional model itself was quite traditional. The committee felt that this program did not offer enough support for teachers and students.
Math Connects	Glencoe McGraw-Hill	*Math Connects* was removed from consideration because it too presented a very traditional format. Also, the CCSS alignment was added to the back of the book and not integrated into the text, making it more logistically challenging for teachers to teach all of the standards appropriately.
Math In Focus	Houghton Mifflin Harcourt	*Math In Focus* for the middle grades did not hold true to the strength of the K-5 program. The model was very traditional without the instructional strengths of the K-5 program. The technology is not fully developed. The problem sets are not as robust as other programs considered. There were some questions as to the tightness of the alignment to CCSS rather than the standards of Singapore.
Prentice Hall Math	Pearson/Prentice Hall	*Prentice Hall Math* is the program that has been used across the

		district for the last ten years. The committee felt that very little had changed from the previous edition. The alignments to the CCSS were superficial. The format was very traditional and supports direct instruction.

High School –

Adopted Programs: Please see Recommended Titles and Rationale

Considered programs, not recommended for adoption:

Please see the chart below for the titles which were eliminated during the adoption process. Numerous titles were considered and eliminated. For the most part, the titles that were eliminated by the committee were considered not aligned with standards, did not provide adequate and up-to-date technology supports for students and teachers or did not fit the style considered best instructional practices in Boulder Valley Schools.

	Algebra	**Geometry**	**Algebra 2***	**Pre-Calculus***	**Calculus**	**Statistics**	**Math Topics, Discrete, Problem Solving**
Pearson/ Prentice Hall/ Addison-Wesley	*Algebra 1 CC* ~~*Intermediate Algebra. Martin Gay*~~ Intermediate Algebra. Bittinger ~~Beginning & Int. Algebra, Martin Gay~~	*Geometry CC*	*Algebra 2 CC* *Algebra & Trig. Sullivan* *Algebra & Trig. Blitzer 2010*	*PreCalculus. Blitzer (newer edition)* ~~*PreCalculus. Sullivan*~~ ~~*PreCalculus Enhanced with Graphing Utilities. Sullivan*~~ ~~*PreCalculus Graphical, Numerical, Algebraic. Demana/Waits*~~	*Calculus: Graphical, Numerical, Algebraic. Finney/Demana/Waits* ~~*Thomas' Calculus Early Transcendentals. Thomas*~~ ~~*Calculus: Early Transcendentals. Briggs*~~ *Mathematics for IB Standard Level* *Mathematics for IB Higher Level* *Mathematics Mathematical Studies*	~~*Stats Modeling the World. De Veaux*~~ *Stats in Your World. Bock* ~~*Elementary Statistics: Picturing the World. Larson*~~ ~~*Statistical Reasoning for Everyday Life. Bennett*~~	*Thinking Mathematically. Blitzer* ~~*Using and Understanding Mathematics. Bennet (Addison Wesley)*~~ *Mathematical Ideas. Miller* ~~*Excursions in Modern Mathematics. Tannenbaum*~~ ~~*Math for Your World. Blitzer*~~ ~~*Survey of Mathematics with Applications*~~
	~~*CME Project Algebra*~~	~~*CME Project Geometry*~~	~~*CME Project Algebra 2*~~				
Glencoe/ McGraw-Hill	~~*Glencoe Algebra 1*~~ ~~*Integrated Algebra. Miller*~~ ~~*Intermediate Algebra.*~~	~~*Glencoe Geometry*~~	~~*Glencoe Algebra 2*~~ ~~*Algebra & Trig. Coburn 2010*~~	~~*Glencoe PreCalculus*~~ ~~*PreCalculus. Barnett*~~	~~*Calculus Texts. Smith*~~	~~*Elementary Statistics: A Step by Step Approach. Bluman*~~	~~*Discrete Mathematics and its Applications. Rosen*~~

	~~*Messersmith*~~ ~~*Elementary & Intermediate Algebra. Dugopolski*~~						
Houghton Mifflin Harcourt/ Holt/ McDougal Littel	~~*Larson Algebra 1*~~ ~~Holt McDougal Algebra 1. Larson~~ ~~Algebra: Structure & Method, Book 1. Brown~~ ~~Integrated Algebra with Applications. Aufmann~~ ~~Algebra, Beginning & Intermediate. Aufmann 2013~~ ~~Intermediate Algebra. Aufmann. 2013~~	~~*Larson Geometry*~~ *Geometry. Jurgensen & Brown*	~~*Larson Algebra 2*~~	~~*PreCalculus Mathematics for Calculus. Stewart*~~ ~~*PreCalculus with Limits. Larson*~~ *PreCalculus with Limits, A Graphing Approach. Larson*	*Calculus of a Single Variable: Early Transcendental Functions. Larson* *Calculus Multi-Variable: Early Transcendental Functions. Larson* ~~*Calculus Single Variable. Stewart*~~ ~~*Calculus. Stewart*~~ ~~*Calculus: Early Transcendental Functions. Larson*~~ ~~*Calculus: Early Transcendentals. Stewart*~~ ~~*Single Variable Calculus with Vector Functions. Stewart*~~ ~~*Single Variable Calculus with Vector Functions: Early Transcendentals.*~~	~~*Introduction to Statistics & Data Analysis. Peck*~~ ~~*Understanding Basic Statistics. Brase*~~ ~~*Understandable Statistics: Concepts and Methods. Brase*~~	

					~~*Stewart*~~		
	~~*Big Ideas Algebra!*~~						
Encyclopedia Britannica	-						
College Preparatory Mathematics	~~*Core Connections Algebra*~~	~~*Core Connections Geometry*~~	*Core Connections Algebra 2- kept as support materials*		~~*Calculus*~~		
Kendall Hunt	~~*Discovering Algebra*~~	*Discovering Geometry*	~~*Discovering Advanced Algebra*~~	~~*Pre-Calculus*~~	~~*Calculus. Forrester*~~	~~*Statistics in Action*~~	-
Bedford, Freeman & Worth	-	-	-	-	~~*Rogawski's Calculus for AP. 2012*~~	-	-
Haese & Harris	-	-	-	-	*Mathematics HL. Martin* *Mathematics SL. Haese*	-	-
Key Curriculum Press	-	-	-	-	-	-	*Problem Solving Strategies: Crossing the river with Dogs. Johnson*

Wiley/People's	-	-	-	~~*Functions Modeling Change, A Preparation for Calculus. 2011. Connally/Hughes Hallett*~~	-	~~*Exploring the Practice of Statistics. Moore*~~ ~~*Introduction to the Practice of Statistics. Moore & McCabe*~~ *Practice of Statistics - MultiVariable - for AP**	*For all Practical Purposes: Mathematical Literacy in Today's World. newest edition.* ~~*Modeling with Mathematics : A Fourth Year Course. 2013*~~ ~~*Math and You: The Power & Use of Mathematics. Larson*~~