



SMc Curriculum Introduces Core Focus on Math

Availability:

- **Student texts and teacher resources available Summer 2012.**
- **Online program available January 2013.**

Core Focus on Math is a middle school math curriculum series which spans 6th Grade through Algebra I Common Core State Standards (CCSS). The program builds off of the strengths of the Oregon Focus on Math Series ©2008. The focus of the program lies in the Critical Areas of the CCSS as well as strategies to build students strengths in the Standards for Mathematical Practice.

Methodology

Common Core Content Standards: The program covers the entire span of the Common Core State Standards for grades 6, 7, 8 and Algebra. Each block has specific learning targets based on the Common Core State Standards. The CCSS Critical Areas play a large role in the emphasis of the curriculum. Connections are made throughout each grade level's content to prior and future grades. See included Table of Contents for each block.

Common Core Mathematical Practice Standards: Lessons contain a balance of direct instruction, exploration and discussion topics. Each lesson focuses on one to two target skills and asks students to apply those skills to the world around them through modeling. Each block includes a performance task modeled after the Smarter Balanced Assessment performance tasks.

Technology: Core Focus on Math also involves a high level of online access to practice and assessments similar to future high-stakes testing experiences. Each lesson has online non-static practice problems as well as block assessments which can be completed online. Each time a student completes an online practice set or takes an online assessment, the questions vary from the previous experience. This supports a proficiency-based grading system by giving students multiple opportunities. This system also supports teachers using data to drive instruction by having item analysis at their fingertips.

Supports

Each block comes with a variety of supports for both teachers and students. The following will be available for each block in addition to the lessons in the texts:

- Supplemental Practice Worksheets
 - At-Grade Level
 - Tier II Intervention Level
 - Challenge Level
 - Spanish Version of At-Grade Level
- Tic-Tac-Toe Extension Board
 - 6 to 9 Multiple Intelligence Activities
- Performance Task
 - In-depth experience applying multiple standards
- Formative Assessments
 - Quizzes
 - Exit Cards
- Summative Assessments (Selected Response, Free Response, Performance Task)
 - At-Grade Level (2 forms)
 - Tier II Intervention Level (2 forms)
 - Spanish Version of At-Grade Level
- Teacher's Guide
 - Lesson Tips
 - Warm Ups & Exit Problems
 - Communication Prompts
 - Extra Examples
 - Student Answers

Technology

While still in development, Core Focus on Math's technology component will provide a variety of offerings.

- Online Access to Text and Supports
- Power Points and Smart Lessons
- Videos of Power Point presentation for Each Lesson
- Online Practice and Assessment Software
 - Districts can offer students immediate feedback on assignments through non-static question banks online
 - Proficiency-based assessing through the non-static question banks online
 - In-depth data provided for teachers on students specific strengths and weaknesses

Pacing and Acceleration

The Core Focus on Math program includes three grade-level texts at Stages 1 and 2. Each text contains 3 to 4 blocks. Stage 3 contains two larger (6 block) texts that are at grade-level and a third text which completes the Algebra I sequence. Each text contains pre-requisite lessons, grade-level standard lessons and connections to future grades. The text sequence shown in the table below would be used for students taking Algebra in 9th grade.

On-Grade Level Sequence	Stage 1 Grade 6	Stage 2 Grade 7	Stage 3 Grade 8
Book 1	Core Focus on Decimals & Fractions	Core Focus on Rational Numbers & Equations	Core Focus on Linear Equations
Book 2	Core Focus on Introductory Algebra	Core Focus on Proportions and Probability	Core Focus on Geometry
Book 3	Core Focus on Ratios, Rates & Statistics	Core Focus on Shapes & Angles	

The Core Focus on Math team encourages acceleration of prepared and gifted math students following the CCSS Appendix A Compacted Traditional Program. In this recommendation, students complete Grades 7, 8 and Algebra I content in Grades 7 and 8. This is done by moving the Intermediate Geometry text from Stage 3 to the end of Stage 2. The 8th grade Compacted Traditional Program contains linear and non-linear functions as well as statistics using the texts shown below.

Accelerated Sequence	Stage 1 Grade 6	Stage 2 Compacted Grade 7	Stage 3/Algebra Grade 8
Book 1	Core Focus on Decimals & Fractions	Core Focus on Rational Numbers & Equations	Core Focus on Linear Equations
Book 2	Core Focus on Introductory Algebra	Core Focus on Proportions and Probability	Core Focus on Functions & Data
Book 3	Core Focus on Ratios, Rates & Statistics	Core Focus on Shapes & Angles	
Book 4		Core Focus on Geometry (Stage 3)	

As this program is still in development and we know you will have questions, we encourage you to contact Shannon McCaw, lead author, for a free consultation on how Core Focus on Math can meet your district's needs.

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