



## Correlation of Common Core State Standards for Mathematics with Building Blocks for Understanding Mathematics Grades 3-5

Common Core Standards for Mathematics include standards for both content and practice. Content standards are clustered by domains that overlap grade levels and describe the skills and understandings expected of students at various grade levels. Along with these, an equally important set of standards is offered to guide students' development of mathematical practice. These 8 *Standards for Mathematical Practice* "describe ways in which developing student practitioners of the discipline of mathematics increasingly ought to engage with the subject matter as they grow in mathematical maturity and expertise..."

The web course, "*Building Blocks for Understanding Mathematics: Grades 3-5*" published by Stetson and Associates, Inc. was reviewed in light of these standards. Although a skillful teacher could easily use strategies described in the course to address most if not all of the Common Core Standards, those listed below are directly addressed in the course.

### Content Standards for Grade 3

Domain	Common Core Standard #	Component of <i>Foundations</i> course that addresses the Standard
Operations and Algebraic Thinking	1	3
	2	3
	3	3
	5	3
	7	3
	8	3
	9	3
Number and Operations in Base Ten	1	2
	2	2
	3	3
Number and Operations-Fractions	1	4
	2	2,4
	3	2,4,5
Measurement and Data	1	4
	2	3
	4	4
	5	3
	6	3
	7	3
Geometry	2	4

### Content Standards for Grade 4

Domain	Common Core Standard #	Component of <i>Foundations</i> course that addresses the Standard
Operations and Algebraic Thinking	1	3
	3	3
	4	3
Number and Operations in Base Ten	1	2
	2	2
	3	2
	4	2
	5	3
	6	3
Number and Operations-Fractions	1	2,4,5
	2	2,4,5
	3	4,5
	4	5
	6	2
	7	2
Measurement and Data	2	2,3
	4	4

### Content Standards for Grade 5

Domain	Common Core Standard #	Component of <i>Foundations</i> course that addresses the standard
Number and Operations in Base Ten	1	2
	2	2
	3	2
	4	2
	5	3
	6	3
	7	3
Number and Operations-Fractions	1	5
	2	5
	3	4,5
Measurement and Data	2	2
	3	3
	4	3
	5	3

### Standards for Mathematical Practice Grades 3-5

Standard	Component of <i>Foundations</i> course that addresses the standard
1. Make sense of problems and persevere in solving them.	1,2,3,4,5
2. Reason abstractly and quantitatively.	3,4,5
3. Construct viable arguments and critique the reasoning of others.	3,4,5
4. Model with mathematics.	2,3,4,5
5. Use appropriate tools strategically.	2,3,4,5
6. Attend to precision.	2,3,4,5
7. Look for and make use of structure.	2,3,4,5
8. Look for and express regularity in repeated reasoning.	2,3,4,5