

OREGON FOCUS STAGE 1 COMMON CORE STATE STANDARDS MAP AND ALIGNMENT





The following scope and sequence document aligns the Stage 1 Oregon Focus on Math ©2008 series to the 2010 Common Core State Standards (CCSS). Use the key below to determine which lessons are pre-requisites, grade-level standards or extensions. The following pages describe each unit by listing lesson titles and recommended pacing based on mathematics every day.

Fractions & Decimals	
Lesson	CCSS Alignment
1	6.NS.4
2	4.NF.1
3	4.NF.1
4	6.NS.4
5	4.NF.2
6	4.NF.1
7	5.MD.2
8	5.NF.2
9	5.NF.1/5.NF.2
10	5.NF.1/5.NF.2
11	5.NF.1/5.NF.2
12	5.NF.2
13	5.NF.6
14	5.NF.4/5.NF.6
15	6.NS.1
16	6.NS.1
17	6.NS.1
18	6.NS.1/5.NF.4
19	6.NS.1/5.NF.6
20	5.NF.4
21	5.NBT.3
22	5.NBT.4
23	5.NBT.3b
24	6.NS.3
25	6.NS.3
26	6.NS.3
1-A	6.NS.2
1-B	6.NS.2
27	6.NS.3
28	6.NS.3
29	5.MD.2
30	6.G.1

Introductory Algebra	
Lesson	CCSS Alignment
1	6.EE.1
2	6.EE.1
3	6.EE.1
4	6.EE.1
5	6.EE.1
6	6.EE.2/6.EE.6
7	6.EE.2
8	6.EE.2
9	6.EE.2
10	6.EE.2/6.EE.3/6.EE.4
11	6.EE.2/6.EE.3/6.EE.4
12	6.EE.2/6.EE.3/6.EE.4
1-C	6.G.1
1-D	6.G.4
1-E	6.G.2
13	6.EE.5
14	6.EE.7
15	6.EE.7
16	6.EE.7
17	6.EE.7
18	6.EE.7
19	6.EE.7
20	7.EE.3/7.EE.4a
1-F	6.EE.8
1-G	6.NS.5
1-H	6.NS.7
1-I	6.NS.6/6.NS.8
1-J	6.G.3
21	5.G.1/5.G.2
22	6.EE.9
23	6.EE.9
24	6.EE.9/6.NS.8
25	6.EE.9
1-K	6.SP.1/6.SP.2
1-L	6.SP.3
1-M	6.SP.4
1-N	6.SP.4
1-O	6.SP.4
1-P	6.SP.5

Ratios, Rates & Percents	
Lesson	CCSS Alignment
1	6.RP.1
2	6.RP.3
3	6.RP.3
4	6.RP.3
5	6.RP.3
6	7.NS.2
7	7.NS.2
8	6.RP.2
9	6.RP.3
10	6.RP.3
11	6.RP.3
12	6.RP.3
13	6.RP.3
14	6.RP.3
15*	7.RP.3
16*	7.SP.5
17*	7.SP.6
18*	7.SP.7
19*	Not in Standards
20*	7.G.4
21*	7.G.4
22*	7.G.4
23*	7.G.1
24*	7.G.1

Key

-  Prior Grade-Level Content (Pre-Requisite)
-  CCSS Grade-Level Content (Original Texts)
-  CCSS Grade-Level Content (Companion Text)
-  Future Grade-Level Content (Extension)

★ Recommended Lessons to Omit in Order to Address Grade-Level CCSS Content

— Recommended Time for Summative Assessment

NOTE: The Introductory Algebra text has been moved to be the second text in the sequence.

STAGE 1 COMMON CORE SCOPE AND SEQUENCE

The Common Core scope and sequence accounts for 140 class periods for instruction, targeted interventions and assessments. This allows for any remaining days to be used for additional components which may include (1) beginning of the year review and team building, (2) Tic-Tac-Toe extensions, (3) state test review and (4) state testing.

Unit 1 – Understanding Fractions

Oregon Focus on Fractions & Decimals Block 1	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1	Greatest Common Factor	6.NS.4	Including assessments and targeted interventions: 12 days
	2	Equivalent Fractions	4.NF.1	
	3	Simplifying Fractions	4.NF.1	
	4	Least Common Multiple	6.NS.4	
	5	Ordering and Comparing Fractions	4.NF.2	
	6	Mixed Numbers and Improper Fractions	4.NF.1	
	7	Measuring in Inches	5.MD.2	

Unit 2 – Adding and Subtracting Fractions

Oregon Focus on Fractions & Decimals Block 2	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	8	Estimating Sums and Differences	5.NF.2	Including assessments and targeted interventions: 11 days
	9	Adding and Subtracting Fractions	5.NF.1/5.NF.2	
	10	Adding and Subtracting Mixed Numbers	5.NF.1/5.NF.2	
	11	Adding and Subtracting by Renaming	5.NF.1/5.NF.2	
	12	Perimeter with Fractions	5.NF.2	

Unit 3 – Multiplying and Dividing Fractions

Oregon Focus on Fractions & Decimals Block 3	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	13	Multiplying Fractions with Models	5.NF.6	Including assessments and targeted interventions: 14 days
	14	Multiplying Fractions	5.NF.4/5.NF.6	
	15	Dividing Fractions with Models	6.NS.1	
	16	Dividing Fractions	6.NS.1	
	17	Estimating Products and Quotients	6.NS.1	
	18	Multiplying and Dividing Fractions and Whole Numbers	6.NS.1/5.NF.4	
	19	Multiplying and Dividing Mixed Numbers	6.NS.1/5.NF.6	
20	Area with Fractions	5.NF.4		

Unit 4 – Decimals

Oregon Focus on Fractions & Decimals Block 4	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	21	Place Value with Decimals	5.NBT.3	Including assessments and targeted interventions: 17 days
	22	Rounding Decimals	5.NBT.4	
	23	Ordering and Comparing Decimals	5.NBT.3b	
	24	Estimating with Decimals	6.NS.3	
	25	Adding and Subtracting Decimals	6.NS.3	
	26	Multiplying Decimals	6.NS.3	
	1-A	Dividing by 1-Digit Numbers	6.NS.2	
	1-B	Dividing by 2-Digit Numbers	6.NS.2	
	27	Dividing Decimals by Whole Numbers	6.NS.3	
	28	Dividing Decimals by Decimals	6.NS.3	
	29	Measuring in Centimeters	5.MD.2	
30	Area and Perimeter with Decimals	6.G.1		

Unit 5 – Order of Operations

Oregon Focus on Introductory Algebra Block 1	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1	The Four Operations	6.EE.1	Including assessments and targeted interventions: 8 days
	2	Powers and Exponents	6.EE.1	
	3	Order of Operations with Powers	6.EE.1	
	4	Order of Operations with Grouping Symbols	6.EE.1	
	5	Number Properties	6.EE.1	

Unit 6 – Algebraic Expressions

Oregon Focus on Introductory Algebra Block 2	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	6	Variables and Expressions	6.EE.2/6.EE.6	Including assessments and targeted interventions: 10 days
	7	Evaluating Expressions	6.EE.2	
	8	Evaluating Geometric Formulas	6.EE.2	
	9	Evaluating More Formulas	6.EE.2	
	10	Simplifying Algebraic Expressions	6.EE.2/6.EE.3/6.EE.4	
	11	The Distributive Property	6.EE.2/6.EE.3/6.EE.4	
12	Using the Distributive Property with Variables	6.EE.2/6.EE.3/6.EE.4		

Unit 7 – Area and Volume

Stage 1 Companion Text	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1-C	Areas of Composite Figures	6.G.1	Including assessments and targeted interventions: 6 days
	1-D	Nets and Surface Areas	6.G.4	
	1-E	Volume with Fractional Dimensions	6.G.2	

Unit 8 – Solving Equations

Oregon Focus on Introductory Algebra Block 3	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	13	Equations and Solutions	6.EE.5	Including assessments and targeted interventions: 12 days
	14	Solving Equations Using Mental Math	6.EE.7	
	15	Solving Addition Equations	6.EE.7	
	16	Solving Subtraction Equations	6.EE.7	
	17	Solving Multiplication and Division Equations	6.EE.7	
	18	Mixed One-Step Equations	6.EE.7	
	19	Formulas and Equation-Solving	6.EE.7	
	20	Solving Two-Step Equations	7.EE.3/7.EE.4a	
1-F	Inequalities	6.EE.8		

Unit 9 – Integers

Stage 1 Companion Text	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1-G	Understanding Integers	6.NS.5	Including assessments and targeted interventions: 7 days
	1-H	Comparing Integers	6.NS.7	
	1-I	The Coordinate Plane	6.NS.6/6.NS.8	
	1-J	Quadrilaterals on the Coordinate Plane	6.G.3	

Unit 10 – Functions

Oregon Focus on Introductory Algebra Block 4	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	21	The Coordinate Plane	5.G.1/5.G.2	Including assessments and targeted interventions: 9 days
	22	Input-Output Tables	6.EE.9	
	23	Writing Function Rules	6.EE.9	
	24	Graphing Linear Functions	6.EE.9/6.NS.8	
	25	Patterns and Functions	6.EE.9	

Unit 11 – Understanding Data

Stage 1 Companion Text	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1-K	Introduction to Statistics	6.SP.1/6.SP.2	Including assessments and targeted interventions: 10 days
	1-L	Measures of Center	6.SP.3	
	1-M	Dot Plots	6.SP.4	
	1-N	Histograms	6.SP.4	
	1-O	Box-and-Whisker Plots	6.SP.4	
	1-P	Analyzing Statistics	6.SP.5	

Unit 12 – Ratios and Conversions

Oregon Focus on Ratios, Rates & Percents Block 1	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1	Ratios	6.RP.1	Including assessments and targeted interventions: 9 days
	2	Geometric Sequences	6.RP.3	
	3	Customary Conversions	6.RP.3	
	4	Metric Conversions	6.RP.3	
	5	Perimeter and Area	6.RP.3	

Unit 13 – Rates

Oregon Focus on Ratios, Rates & Percents Block 2	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	6	Fractions and Decimals	7.NS.2	Including assessments and targeted interventions: 9 days
	7	Repeating Decimals and Rounding	7.NS.2	
	8	Rates and Unit Rates	6.RP.2	
	9	Rate Problem Solving	6.RP.3	
	10	Comparing Rates	6.RP.3	
11	Motion Rates	6.RP.3		

CCSSM COMPANION TEXT

STAGE 1

LESSON 1-A	DIVIDING BY 1-DIGIT NUMBERS -----	2
	EXPLORE! BEADED NECKLACE	
LESSON 1-B	DIVIDING BY 2-DIGIT NUMBERS -----	7
	EXPLORE! MAGAZINE SUBSCRIPTIONS	
LESSON 1-C	AREAS OF COMPOSITE FIGURES -----	11
LESSON 1-D	NETS AND SURFACE AREAS -----	15
	EXPLORE! NETTING A SOLID	
LESSON 1-E	VOLUME WITH FRACTIONAL DIMENSIONS -----	21
	EXPLORE! MEASURING VOLUME	
LESSON 1-F	INEQUALITIES -----	25
LESSON 1-G	UNDERSTANDING INTEGERS -----	28
LESSON 1-H	COMPARING INTEGERS -----	31
	EXPLORE! WHO'S THE GREATEST?	
LESSON 1-I	THE COORDINATE PLANE -----	34
	EXPLORE! CONNECT-THE-DOTS	
LESSON 1-J	QUADRILATERALS ON THE COORDINATE PLANE -----	39
LESSON 1-K	INTRODUCTION TO STATISTICS -----	43
	EXPLORE! A QUESTION OF STATISTICS	
LESSON 1-L	MEASURES OF CENTER -----	48
	EXPLORE! COUNTING PETS	
LESSON 1-M	DOT PLOTS -----	53
	EXPLORE! HOW TALL?	
LESSON 1-N	HISTOGRAMS -----	58
LESSON 1-O	BOX-AND-WHISKER PLOTS -----	64
LESSON 1-P	ANALYZING STATISTICS -----	70
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