

OREGON FOCUS STAGE 2 COMMON CORE STATE STANDARDS MAP AND ALIGNMENT

The following scope and sequence document aligns the Stage 2 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.

Rational Numbers & Equations	
Lesson	CCSS Alignment
1	4.NF.1
2	4.NF.1
3	5.NF.1/5.NF.2
4	6.NS.1/5.NF.6
5	6.NS.1/5.NF.1
6	6.NS.3
7	6.NS.3
8	6.NS.5
9	6.NS.7
10	7.NS.1/7.NS.3
11	7.NS.1/7.NS.3
12	7.NS.2/7.NS.3
13	7.NS.2/7.NS.3
14	7.NS.2/7.NS.3
15	7.NS.3
16	7.NS.1/7.NS.3
17	7.NS.1/7.NS.3
18	7.NS.1/7.NS.3
19	7.NS.2/7.NS.3
20	7.NS.2/7.NS.3
21	7.NS.2/7.NS.3
22	6.EE.2/7.EE.1
23	6.EE.7/7.NS.1/7.NS.2
24	7.EE.3/7.EE.4a
25	7.EE.1/7.EE.2/7.EE.4a
26	7.EE.1/7.EE.2
27	7.EE.3/7.EE.4a
28	7.EE.3
2-A	7.EE.4b
2-B	4.MD.5/4.MD.6
2-C	4.MD.5/4.MD.6/4.MD.7
2-D	7.G.5
2-E	7.G.5

Proportionality	
Lesson	CCSS Alignment
1	6.RP.3d
2	7.NS.2d
3	6.RP.1
4	7.RP.1
5	HS.N-Q.1
2-F	7.RP.1
6	7.RP.2/7.RP.3
7	7.RP.3
8	8.G.2/8.G.4
9	7.RP.3
10	7.G.1
11	7.G.1
12	6.RP.3
13	7.SP.5
14	7.SP.6/7.SP.7
2-G	7.SP.7
2-H	7.SP.7
15	7.SP.7
16	7.RP.3
17	7.RP.3
18	7.RP.3
19	7.RP.3
2-I	7.SP.1
2-J	7.SP.2
2-K	7.SP.3/7.SP.4
20	6.NS.8
21	8.F.5
22	7.RP.2
23	7.RP.2
24	7.RP.2
25	8.F.4

Surface Area & Volume	
Lesson	CCSS Alignment
2-L	7.G.2
1	7.G.6
2	7.G.6
3	7.G.4
4	7.G.4
5	7.G.4
6	7.G.4
7	7.G.4/7.G.6
8	7.G.4/8.G.4
9	HS.G-C.5
10	1.G.2/7.G.6
11	7.G.6
2-M	7.G.3
12	7.G.6
13*	Not in Standards
14	7.G.6
15*	Not in Standards
16*	Not in Standards
17	7.G.6
18*	8.G.9
19*	8.G.9
20	7.G.6
21*	8.G.9
22*	8.G.9
23*	HS.G-GMD.3

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

STAGE 2 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 – Positive Rational Numbers

Oregon Focus on Rational Numbers & Equations Block 1	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1	Simplifying Fractions	4.NF.1	Including assessments and targeted interventions: 12 days
	2	Mixed Numbers and Improper Fractions	4.NF.1	
	3	Adding and Subtracting Fractions	5.NF.1/5.NF.2	
	4	Multiplying and Dividing Fractions	6.NS.1/5.NF.6	
	5	Operations with Mixed Numbers	6.NS.1/5.NF.1	
	6	Adding and Subtracting Decimals	6.NS.3	
	7	Multiplying and Dividing Decimals	6.NS.3	

Unit 2 – Integers

Oregon Focus on Rational Numbers & Equations Block 2	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	8	Understanding Integers	6.NS.5	Including assessments and targeted interventions: 15 days
	9	Comparing Integers	6.NS.7	
	10	Adding Integers	7.NS.1/7.NS.3	
	11	Subtracting Integers	7.NS.1/7.NS.3	
	12	Multiplying Integers	7.NS.2/7.NS.3	
	13	Dividing Integers	7.NS.2/7.NS.3	
	14	Powers and Exponents	7.NS.2/7.NS.3	
15	Order of Operations	7.NS.3		

Unit 3 – Rational Number Operations

Oregon Focus on Rational Numbers & Equations Block 3	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	16	Estimating Sums and Differences	7.NS.1/7.NS.3	Including assessments and targeted interventions: 10 days
	17	Adding Rational Numbers	7.NS.1/7.NS.3	
	18	Subtracting Rational Numbers	7.NS.1/7.NS.3	
	19	Estimating Products and Quotients	7.NS.2/7.NS.3	
	20	Multiplying Rational Numbers	7.NS.2/7.NS.3	
	21	Dividing Rational Numbers	7.NS.2/7.NS.3	

Unit 4 – Solving Equations

Oregon Focus on Rational Numbers & Equations Block 4	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	22	Expressions and Equations	6.EE.2/7.EE.1	Including assessments and targeted interventions: 15 days
	23	Solving One-Step Equations	6.EE.7/7.NS.1/7.NS.2	
	24	Solving Two-Step Equations	7.EE.3/7.EE.4a	
	25	The Distributive Property	7.EE.1/7.EE.2/7.EE.4a	
	26	Simplifying Expressions	7.EE.1/7.EE.2	
	27	Simplifying and Solving Equations	7.EE.3/7.EE.4a	
	28	Solving Equations with Variables on Both Sides	7.EE.3	
2-A	Linear Inequalities	7.EE.4b		

Unit 5 – Angle Relationships

Stage 2 Companion Text	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	2-B	Measuring and Naming Angles	4.MD.5/4.MD.6	Including assessments and targeted interventions: 6 days
	2-C	Classifying Angles	4.MD.5;4.MD.6/4.MD.7	
	2-D	Complementary and Supplementary Angles	7.G.5	
	2-E	Vertical Angles and Adjacent Angles	7.G.5	

Unit 6 – Ratios and Rates

Oregon Focus on Proportionality Block 1	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	1	Measurement	6.RP.3d	Including assessments and targeted interventions: 8 days
	2	Fractions and Decimals	7.NS.2d	
	3	Ratios	6.RP.1	
	4	Unit Rates	7.RP.1	
	5	Rate Conversions	HS.N-Q.1	
2-F	Rates and Ratios with Complex Fractions	7.RP.1		

Unit 7 – Proportions and Similarity

Oregon Focus on Proportionality Block 2	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	6	Write and Solve Proportions	7.RP.2/7.RP.3	Including assessments and targeted interventions: 12 days
	7	Problem-Solving with Proportions	7.RP.3	
	8	Similar and Congruent Figures	8.G.2/8.G.4	
	9	Proportions and Similar Figures	7.RP.3	
	10	Special Ratios for Similar Figures	7.G.1	
11	Scale Drawings	7.G.1		

Unit 8 – Percents and Probability

Oregon Focus on Proportionality Blocks 2-3	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	12	Fractions, Decimals and Percents	6.RP.3	Including assessments and targeted interventions: 15 days
	13	Probability	7.SP.5	
	14	Use Probability to Predict	7.SP.6/7.SP.7	
	2-G	Compound Probabilites Using Lists, Tree Diagam and Tables	7.SP.7	
	2-H	Compound Probabilites Using Multiplication and Simulation	7.SP.7	
	15	Probabilities and Data Displays	7.SP.7	
	16	Solving Percents using Proportions	7.RP.3	
	17	Solving Percents using Equations	7.RP.3	
	18	Percent of Change	7.RP.3	
	19	Percent Applications	7.RP.3	

Unit 9 – Sampling and Statistics

Stage 2 Companion Text	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	2-I	Random Sampling	7.SP.1	Including assessments and targeted interventions: 7 days
	2-J	Inferences About a Population	7.SP.2	
	2-K	Measures of Center and Variability in Two Data-Sets	7.SP.3/7.SP.4	

Unit 10 – Direct Variation

Oregon Focus on Proportionality Block 4	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	20	The Coordinate Plane	6.NS.8	Including assessments and targeted interventions: 15 days
	21	Making Sense of Graphs	8.F.5	
	22	Direct Variation Tables and Graphs	7.RP.2	
	23	Direct Variation Equations	7.RP.2	
	24	Recognizing Direct Variation	7.RP.2	
	25	Writing Linear Equations	8.F.4	

Unit 11 – Two-Dimensional Geometry

Oregon Focus on Surface Area & Volume Block 1	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	2-L	Drawing Geometric Shapes	7.G.2	Including assessments and targeted interventions: 14 days
	1	Areas of Triangles and Parallelograms	7.G.6	
	2	Area of a Trapezoid	7.G.6	
	3	Parts of a Circle	7.G.4	
	4	Circumference and Pi	7.G.4	
	5	Area of a Circle	7.G.4	
	6	More Pi	7.G.4	
	7	Composite Figures	7.G.4/7.G.6	
	8	Circle Similarity	7.G.4/8.G.4	
9	Area of Sectors	HS.G-C.5		

Unit 12 – Two-Dimensional Geometry

Oregon Focus on Surface Area & Volume Blocks 2-3	Lesson	Lesson Title	CCSS Alignment	Recommended Pacing
	10	Three-Dimensional Figures	1.G.2/7.G.6	Including assessments and targeted interventions: 11 days
	11	Drawing Solids	7.G.6	
	2-M	Slicing Solids	7.G.3	
	12	Surface Area of Prisms	7.G.6	
	14	Surface Area of Regular Pyramids	7.G.6	
	17	Volume of Prisms	7.G.6	
	20	Volume of Pyramids	7.G.6	

CCSSM COMPANION TEXT

STAGE 2

LESSON 2-A	LINEAR INEQUALITIES -----	2
LESSON 2-B	MEASURING AND NAMING ANGLES -----	6
LESSON 2-C	CLASSIFYING ANGLES -----	10
	EXPLORE! CLASSIFY AN ANGLE	
LESSON 2-D	COMPLEMENTARY AND SUPPLEMENTARY ANGLES -----	14
	EXPLORE! COMPLEMENTARY VS. SUPPLEMENTARY	
LESSON 2-E	VERTICAL ANGLES AND ADJACENT ANGLES -----	19
	EXPLORE! THE VERTICAL ANGLE RELATIONSHIP	
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	EXPLORE! THREE SPORTS	
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LESSON 2-J	INFERENCES ABOUT A POPULATION -----	46
LESSON 2-K	MEASURES OF CENTER AND VARIABILITY IN TWO DATA SETS -----	50
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LESSON 2-L	DRAWING GEOMETRIC SHAPES -----	58
	EXPLORE! KNOWING THREE MEASURES	
LESSON 2-M	SLICING SOLIDS -----	63
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