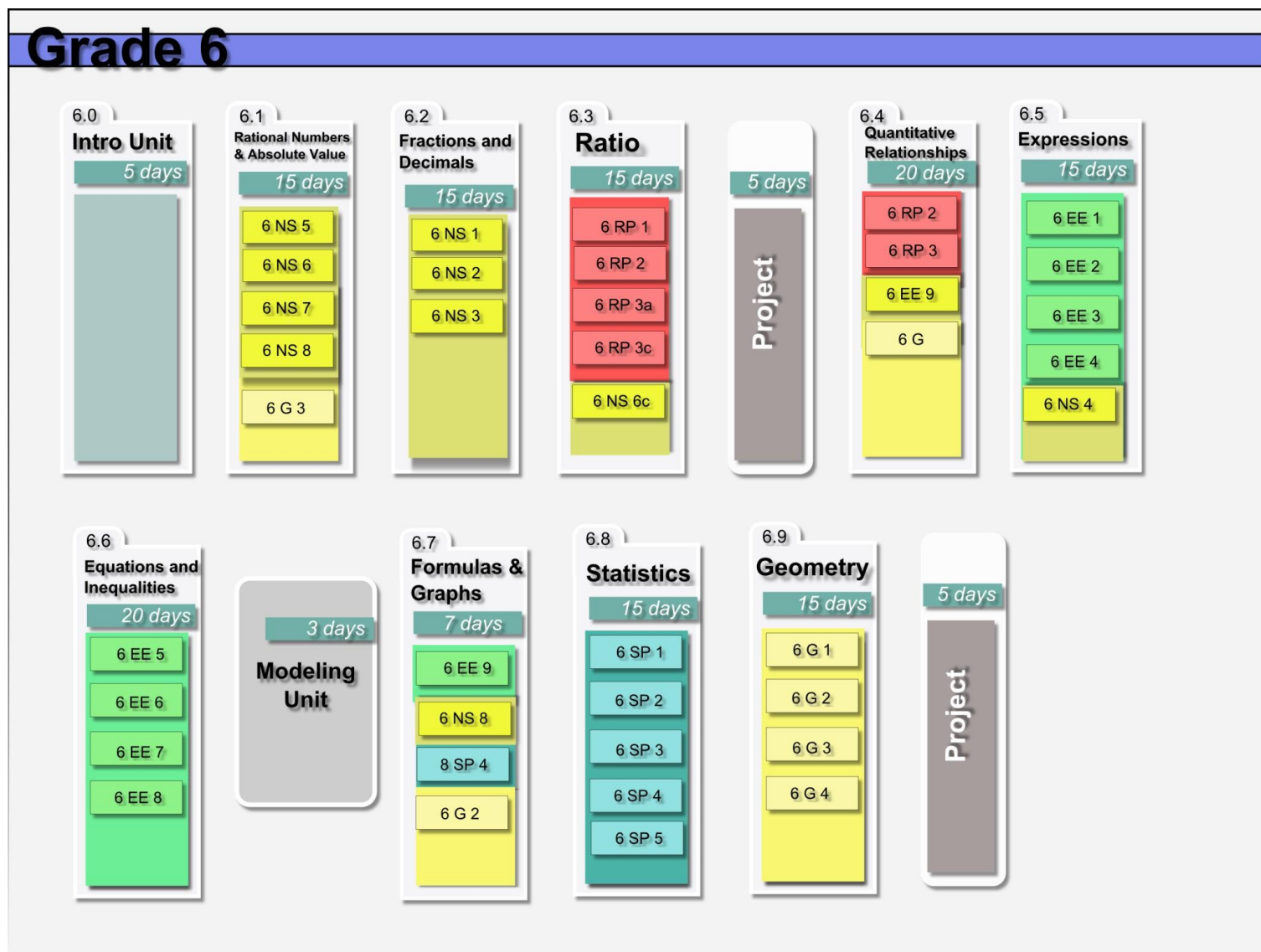


CCSS PrBL Curriculum Map: Grade 6

The following sample Problem Based Learning (PrBL) curriculum map is modeled after the scope and sequence shown below. Each of the tasks are mapped to the [Common Core State Standards](#) and can be found online. Note that this curriculum map only outlines the problem progression and does NOT address student-centered scaffolding, which is a crucial aspect of an effective math classroom. For student-centered scaffolding ideas and sample tasks, go [here](#).



Unit/Problems	Content Standards (CCSS)	Days
Intro Unit (5 days)		5
One Rod Tall (Fawn)	6-RP	1
Cross Totals (MARS)	6-NS	1
Security Camera (MARS)	6-RP, 6-G	3

UNIT: Rational Numbers and	6-NS.5,6,7,8, 6-G.3	15
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Absolute Value		
Hot Summer, Cold Winter (Yummymath)	6.NS.5, 6.NS.6, 6.NS.7	3*
Which rides can you go on? (Robert)	6-NS.7	2
Smallest & Largest (Fawn)	6-NS.2,5,6	1
[remediation, extension, assessment, skill practice]		9

UNIT: Fractions and Decimals	6-NS.1,2,3, 6-RP	15
Pennies to Heaven (Illustrative Mathematics)	6-NS.3	1
How tall is Mini-me? (Robert)	6-NS.3	1
New-Tritonal Info (Mathalicious)	6-NS.3, 6-RP.3d	2
No Matter How You Slide It Poster Problem (SERP)	6-RP.1	2
[remediation, extension, assessment, skill practice]		9

UNIT: Ratio	6-RP.1,2,3a, 3c, 6-NS.3c	15
Partial Product (Dan)	6-RP.2	1
The Bone Collector (Dan)	6-RP.2	1
Amazon Percent Discount (Dan)	6-RP.3	1
Super Bear (Dan)	6-RP.3	1
Sugar Packets (Dan)	6-RP.3	1
Which carrots should you buy? (Robert)	6-RP.2,3	1
Coke v. Sprite (Dan)	6-RP.3	1
The Intensity of Chocolate Milk Poster Problem (SERP)	6-RP.1,3	2*
Finals Week (Dan)	6-RP.2	2
The Pluto Files (Geoff)	6-RP.2,3	1
Bolt (Dan)	6-RP.3	1
Shower v. Bath (Dan)	6-RP.3	1
Speed of Light (Dan)	6-RP.3	1
[remediation, extension, assessment, skill practice]		0

Project		5
Lemonade Stand (Robert)	6-RP.1,2,3	5

UNIT: Quantitative Relationships	6-RP.2, 3, 6-EE.9, 6-G	20
Prices, Proportions and Percents	6-RP.1,2,3, 6-EE.9	2
How much should I spend (Yummymath)	6-RP.3	1
Pizza Deals (Robert)	6-RP.2,3	1

Fort Steuben (Dan)	6-RP.3	1
Ticket Options (Robert)	6-RP.2,3	1
Sharing Costs: Traveling to School (MARS)	6-RP.2,3	3
King Clutch (Dane)	6.RP.3.c, 5.NF.3	1
Pain Relief (Dan)	6-RP.3	1
Taco Day (Kristen)	6-RP.3	2
Neptune (Dan)	6-RP.3	2
Leaky Faucet (Dan)	6-RP.3	1
Split Time (Dan)	6-RP.3	1*
Print Job (Dan)	6-RP.3	1
[remediation, extension, assessment, skill practice]		2

UNIT: Expressions	6-EE.1,2,3,4, 6-NS.4	15
Story Math (Malke)	6-EE.2	1
Rating Rate Plans Poster Problem (SERP)	6-EE. A.1, 2a, 2c	2
Year of the Snake (Yummymath)	6-NS.4	1
Watch Out For Parentheses (Illustrative Mathematics)	6-EE	½
Picture Perfect (Desmos)	6-EE.3	1
Factor Dominoes (Malke)	6-NS.4	1
Rectangle Perimeter (Illustrative Mathematics)	6-EE	1
Laws of Arithmetic (MARS)	6-EE, 6-G	3*
[remediation, extension, assessment, skill practice]		4½

UNIT: Equations and Inequalities	6-EE.5,6,7,8	20
Edges, Faces, and Vertices (Avery)	6-EE.2, 5,6,7	2
Log Ride (Illustrative Mathematics)	6-EE.5	1
Firefighter Allocation (Illustrative Mathematics)	6-EE.6,7	2
Morning Walk (Illustrative Mathematics)	6-EE.7	1
Toothpick Patterns Poster Problem (SERP)	6-EE.2, 3, 4, 9	2
Fishing Adventures (Illustrative Mathematics)	6-EE.8	1*
[remediation, extension, assessment, skill practice]		11

UNIT: Formulas and Graphs	6-EE.9, 6-NS.8, 8-SP.4, 6-G.2	7
Chocolate Bar Sales (Illustrative Mathematics)	6-EE.9	2*
Life-sized Human Graphing (Julie)	6-NS.8	1
Computing Volume Progression 1	6-G.2	1

(Illustrative Mathematics)		
Computing Volume Progression 2 (Illustrative Mathematics)	6-G.2	1
Computing Volume Progression 3 (Illustrative Mathematics)	6-G.2	1
Computing Volume Progression 4 (Illustrative Mathematics)	6-G.2	1
[remediation, extension, assessment, skill practice]		

UNIT: Statistics	6-SP.1,2,3,4,5	15
Buttons: Statistical Questions (Illustrative Mathematics)	6-SP.1	1
Suzi's Company (MARS)	6-SP.1,2,3,4,5	1
Mean, Median, Mode, Range (MARS)	6-SP.1,2,3,4,5	2
Roving Ranges Poster Problem (SERP)	6.SP.A.1–3, 6.SP.B.4 and 5 — especially 1 and 4	2
Paper Airplane Statistics (Martin)	6-SP.1,2,3,5	2
Puppy Weights (Illustrative Mathematics)	6-SP.2,4	2
Candy Bars (MARS)	6-SP.1,2,3,4,5	2*
Fighting for the Center (James)	6-SP.5	1
Electoral College (Illustrative Mathematics)	6-SP.2,5d	2
[remediation, extension, assessment, skill practice]		0

UNIT: Geometry	6-G.1,2,3,4	15
Zukei Puzzles (Sarah)	6-G.3	1
Hexagon Hierarchy (Christopher)	G-1,3	1
Burn Area and Perimeter (Firefighter Math)	6-G.1,3	2
Knowing Nets Poster Problem (SERP)	6-G.1-4	2*
Banana Bread (Illustrative Mathematics)	6-G.2	1
Dollar Wall (Dan)	6-G.1	1
Irregular Shape Math Hunt (Julie)	G-G.1	1
Fruit Boxes (MARS)	6-G.2,4	1
Smoothie Box (MARS)	6-G.2,4	1
Candle Boxes (MARS)	6-G.2,4	1
Bubble Wrap (Dan)	6-G.1	2
Designing: Candy Cartons (MARS)	6-G.1,4	2
[remediation, extension, assessment, skill practice]		0

Project		5
California Wildfires (Yummymath)	5.NF, 6.RP.3, 6.G.1, 7.RP.3, 7.G.1	3

