Grade 7 - Math Curriculum Map (Eureka Math)

Quarter	Modules	Lessons
1	**Module 1: Ratios and Proportional Relationships**	**Week 1 - Lesson 1-6** - Understand proportional relationships in graphs and tables
		Week 2 - Lesson 7-10 - Represent proportional relationships with equations
		Week 3 - Lesson 11-15 - Apply proportional relationships and unit rates to problems involving fractions
		Week 4 - Lesson 16-19 - Relate ratios and rates to scale drawings
		Week 5 - Lesson 20-22 & End of Module Review and Assessment - Create scale drawings
	Module 2: Rational Numbers	**Week 6 - Lesson 1-9** - Add and subtract integers and rational numbers
		Week 7 - Lesson 10-12 - Multiply and divide integers and rational numbers
		Week 8 - Lesson 13-16 & Mid Module Assessment - Convert between fractions and decimals - Apply multiplication and division of integers to real world problems
2	**Module 2: Rational Numbers (cont.)**	**Week 1 - Lesson 17-20** - Represent equations to tape diagrams - Write equivalent expressions
		Week 2 - Lesson 21-23 & End of Module Review and Assessment - Solve equations using algebraic thinking

	Module 3: Expressions and Equations	**Week 3 - Lesson 1-4** - Write equivalent expressions
		Week 4 - Lesson 5-9 - Simplify equations - Problem solve with algebraic thinking
		Week 5 - Lesson 10-15 - Solve algebraic problems involving angles - Understand and solve inequalities
		Week 6 - Lesson 16-20 - Calculate area and circumference of circles - Calculate area of shapes by breaking down shape
		Week 7 - Lesson 21-26 - Calculate volume and surface area of 3D shapes
		Week 8 - End of Module Review and Assessment
3	**Module 4: Percent and Proportional Relationships**	**Week 1 - Lesson 1-6** - Extend knowledge of percents related to decimals and fractions - Apply knowledge to real world problems
		Week 2 - Lesson 7-11 - Apply knowledge of percents to real world problems
		Week 3 - Lesson 12-15 - Extend knowledge of scale drawings using percents
		Week 4 - Lesson 16-18 & End of Module Review and Assessment - Apply knowledge of percents to real world problems
	Module 5: Statistics and	**Week 5 - Lesson 1-6** - Calculate probability and conduct chance experiments

	Probability	- Represent results of experiments in tree diagrams	
		Week 6 - Lesson 7-12 - Calculate probabilities of compound events - Estimate probabilities	
		Week 7 - Lesson 13-18 - Understand and conduct population sampling	
		Week 8 - Lesson 19-23 & End of Module Review and Assessment - Apply population sampling knowledge	
4	**Module 6: Geometry**	**Week 1 - Lesson 1-5** - Determine unknown angles using equations - Determine side lengths and angles using identical triangles	
		Week 2 - Lesson 6-8 - Draw geometric shapes with the proper notation	
		Week 3 - Lesson 9-11 - Understand triangle characteristics as related to side lengths and angles	
		Week 4 - Lesson 12-15 and Mid Module Assessment - Extend knowledge of triangles - Apply knowledge to real world problems	
		Week 5 - Lesson 16-19 - Visualize and describe the result of slicing solids	
		Week 6 - Lesson 20-24 - Calculate area and surface area and apply knowledge to real world problems	
		Week 7 - Lesson 25-27 - Calculate volume of right prisms and 3D objects - Solve real world problems involving volume	

		Week 8 - End of Module Review and Assessment