

Math 7 Concept Map

1 ST SIX WEEKS Pemdast/integers/decimals	2 ND SIX WEEKS Fractions/ proportions	3 RD SIX WEEKS Equations/Geometry	4 TH SIX WEEKS More Geometry	5 TH SIX WEEKS Probability	6 TH SIX WEEKS Topics not in teks
1-2 Powers and Exponents	5-5 frac/Dec	1-10 function machine	4-6 Perimeter/Area	9-1 Line Plots	1-8 properties
1-3 Square/Roots	5-6 Frac/%	4-1 expressions (3 days)	12-1/12-2 Area Quads/Tri	9-2 Central Tendency	3-7 Scientific notation
1-4 Order of Ops.	5-7 %/Dec	4-2 add/sub 1 step equation	12-3/12-4 Circles P&A	<u>9-3 Stem/Leaf</u>	8-9 simple interest
1-6 Variables	5-9 Order Rational Numbers	4-3 multiply 1 step equation	12-7 3D	9-4 Bar	10-4 permutations
1-9 Sequences	6-1 simplify Frac	6-6 Divide 1 step equation	12-8 draw 3D	9-5 Venn	10-5 computations
2-1/2-2 Integer/abs value	6-2 Add/Sub Fractions	4-5 2 step	12-9 Volume of Prisms	11-2 Circle Graphs	13-1 Estimate Square Roots
2-4 Add integers w/ models	6-3 Add/Sub Mixed	4-7 graph functions	12-10 Volume of Cylinders	9-7 Line/Scatter	13-2 Pythagorean Theorem
2-5 Sub. Integers w/ models	6-5 Multiply Frac	11-1 Angles	13-4 Surface Area	9-8 Select best measure	<u>Scale Drawing Project</u>
2-7 multiply integers	6-7 Divide Frac	11-3 Triangles		9-9 Misleading graphs	
2-8 divide integers	3-6 Metric	11-5 Quads		10-1 Simple Events	
3-1 Estimate Decimals	7-3 Customary	11-6 Similar Figures		10-2 Sample Spaces	
3-2 multiply decimals	7-1 ratios	2-3 coordinate		10-3 Counting Principal	
3-3 Mult dec. powers of 10	7-2 rates	11-8 translations		10-7 Theoretical/Experiment	
3-4 Divide decimals	7-4 Solve Prop	11-9 reflections		10-8 independent events	
5-1 Prime Factorization	7-6 Scale			9-7 Line/Scatter	
5-2 GCF	7-7 frac/dec/%				
5-8 LCM	7-8 over 100%				
5-4 Simply Frac	8-1 % of #				
	8-2 % proportion				
	8-3 % estimating				
	(actual end of 2 nd 6 wks)				
	8-6 predict				
	8-7 % of change				
	8-8 tax				

Red – not addressed in 7th grade TEKS, but need to be covered.

Sections in new book not addressed on scope and sequence:

Section 1-1 | Plan for Problem Solving
 Section 1-5 | Guess and Check PSI
 Section 1-7 | Mental Math Equations
 Section 2-6 | Look for Pattern PSI
 Section 3-5 | Choose Best Method of Computation PSI
 Section 4-3 | Work Backward PSI
 Section 5-3 | Make Organized list PSI
 Section 5-4 | Simplifying Fractions (will do as we teach fractions)
 Section 6-4 | Eliminate Possibilities PSI

Section 7-5 | Draw Picture PSI
 Section 8-4 | Determine Reasonable Answers PSI
 Section 8-5 | Percent Equation
 Section 9-6 | Use a graph PSI
 Section 10-6 | Act it Out PSI
 Section 11-4 | Use Logical Reasoning PSI
 Section 12-5 | Solve Simpler Problem PSI
 Section 13-3 | Make a Model PSI
 Section 13-5 | Surface Area of Cylinders

Math 7 Concept Map

Ereckson Middle School 2007-2008

1 ST SIX WEEKS Pemas/integers/decimals	2 ND SIX WEEKS Fractions/ proportions	3 RD SIX WEEKS Equations/Geometry	4 TH SIX WEEKS More Geometry	5 TH SIX WEEKS Probability	6 TH SIX WEEKS Topics not in teks
1-2 Powers and Exponents	5-5 frac/Dec	8-6 predict	4-6 Perimeter/Area	9-1 Line Plots	1-8 properties
1-3 Square/Roots	5-6 Frac/%	8-7 % of change	12-1/12-2 Area Quads/Tri	9-2 Central Tendency	3-7 Scientific notation
1-4 Order of Ops.	5-7 %/Dec	8-8 tax	12-3/12-4 Circles P&A	<u>9-3 Stem/Leaf</u>	8-9 simple interest
1-6 Variables	5-9 Order Rational Numbers		12-7 3D	9-4 Bar	10-4 permutations
1-9 Sequences	6-1 simplify Frac	1-10 function machine	12-8 draw 3D	9-5 Venn	10-5 computations
2-1/2-2 Integer/abs value	6-2 Add/Sub Fractions	4-1 expressions (3 days)	12-9 Volume of Prisms	11-2 Circle Graphs	13-1 Estimate Square Roots
2-4 Add integers w/ models	6-3 Add/Sub Mixed	4-2 add/sub 1 step equation	12-10 Volume of Cylinders	9-7 Line/Scatter	13-2 Pythagorean Theorem
2-5 Sub. Integers w/ models	6-5 Multiply Frac	4-3 multiply 1 step equation	13-4 Surface Area	9-8 Select best measure	<u>Scale Drawing Project</u>
2-7 multiply integers	6-7 Divide Frac	6-6 Divide 1 step equation		9-9 Misleading graphs	
2-8 divide integers	3-6 Metric	4-5 2 step		10-1 Simple Events	
3-1 Estimate Decimals	7-3 Customary	4-7 graph functions		10-2 Sample Spaces	
3-2 multiply decimals	7-1 ratios	11-1 Angles		10-3 Counting Principal	
3-3 Mult dec. powers of 10	7-2 rates	11-3 Triangles		10-7 Theoretical/Experiment	
3-4 Divide decimals	7-4 Solve Prop	11-5 Quads		10-8 independent events	
5-1 Prime Factorization	7-6 Scale	11-6 Similar Figures		9-7 Line/Scatter	
5-2 GCF	7-7 frac/dec/%	2-3 coordinate			
5-8 LCM	7-8 over 100%	11-8 translations			
5-4 Simply Frac	8-1 % of #	11-9 reflections			
	8-2 % proportion				
	8-3 % estimating				

Red – not addressed in 7th grade TEKS, but need to be covered.

Sections in new book not addressed on scope and sequence:

Section 1-1 | Plan for Problem Solving
 Section 1-5 | Guess and Check PSI
 Section 1-7 | Mental Math Equations
 Section 2-6 | Look for Pattern PSI
 Section 3-5 | Choose Best Method of Computation PSI
 Section 4-3 | Work Backward PSI
 Section 5-3 | Make Organized list PSI
 Section 5-4 | Simplifying Fractions (will do as we teach fractions)
 Section 6-4 | Eliminate Possibilities PSI

Section 7-5 | Draw Picture PSI
 Section 8-4 | Determine Reasonable Answers PSI
 Section 8-5 | Percent Equation
 Section 9-6 | Use a graph PSI
 Section 10-6 | Act it Out PSI
 Section 11-4 | Use Logical Reasoning PSI
 Section 12-5 | Solve Simpler Problem PSI
 Section 13-3 | Make a Model PSI
 Section 13-5 | Surface Area of Cylinders