

Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 1: Thinking Proportionally				
Topic 1: Circles and Ratio				
1	Pi: The Ultimate Ratio	Exploring the Ratio of Circle Circumference to Diameter	7.5B 7.8C 7.9B	2
2	That's a Spicy Pizza	Area of Circles	7.4B 7.8C 7.9B	2
MATHia				1
3	Circular Reasoning	Solving Area and Circumference Problems	7.9B 7.9C	2
MATHia				1
End of Topic Assessment				1
Topic 2: Fractional Rates				
1	Making Punch	Unit Rate Representations	7.4B	1
2	Eggzactly!	Solving Problems with Ratios of Fractions	7.4B 7.4E	1
MATHia				1
3	Tagging Sharks	Solving Proportions Using Means and Extremes	7.4C 7.4D	2
MATHia				1
End of Topic Assessment				1



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Topic 3: Proportionality				
1	How Does Your Garden Grow?	Proportional Relationships	7.4A 7.4C	2
MATHia				1
2	Complying with Title IX	Constant of Proportionality	7.4A 7.4C 7.4D	2
MATHia				1
Mid Topic Assessment				1
3	Fish-Inches	Identifying the Constant of Proportionality in Graphs	7.4A 7.4C 7.4D	1
4	Minding Your Ps and Qs	Constant of Proportionality in Multiple Representations	7.4A 7.4C	2
MATHia				1
End of Topic Assessment				1

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Module 2: Applying Proportionally				
Topic 1: Proportional Relationships				
1	Markups and Markdowns	Introducing Proportions to Solve Percent Problems	7.4D	2
MATHia				1
2	Perks of Work	Calculating Tips and Commission	7.4D 7.13E	3
MATHia				1
3	No Taxation Without Calculation	Sales Tax, Income Tax, and Fees	7.4D 7.13A	1
Mid Topic Assessment				1
4	More Ups and Downs	Percent Increase and Percent Decrease	7.4D	2
MATHia				1
5	Pound for Pound, Inch for Inch	Scale and Scale Drawings	7.5A 7.5C	3
MATHia				1
End of Topic Assessment				1
Topic 2: Financial Literacy: Tax, Interest, and Budgets				
1	Some Interest in Your Business	Sales Tax and Income Tax	7.4D 7.13A 7.13F	2
MATHia				1
2	Student Interest	Simple and Compound Interest	7.13E	2
MATHia				1
3	Aren't Peace, Love, and Understanding Worth Anything?	Net Worth Statements	7.13C	1
4	Living Within Your Means	Personal Budgets	7.4D 7.13B 7.13D	2
MATHia				1
End of Topic Assessment				1

Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Module 3: Reasoning Algebraically				
Topic 1: Operating with Rational Numbers				
1	All Mixed Up	Adding and Subtracting Rational Numbers	7.3A 7.3B	1
2	Be Rational!	Quotients of Integers	7.3A 7.3B	1
MATHia				1
3	Building a Wright Brothers' Flyer	Simplifying Expressions to Solve Problems	7.3A 7.3B	2
4	Properties Schmoperties	Using Number Properties to Interpret Expressions with Signed Numbers	7.3A 7.3B	1
MATHia				1
End of Topic Assessment				1
Topic 2: Algebraic Expressions				
1	Rational Decisions	Rational Numbers	7.2A	2
2	No Substitute for Hard Work	Evaluating Algebraic Expressions	7.3B 7.10A	1
MATHia				1
3	Mathematics Gymnastics	Rewriting Expressions Using the Distributive Property	7.3B 7.10A 7.11A	2
MATHia				1
End of Topic Assessment				1

Lesson #	Lesson Title	Lesson Subtitle	TEKS	Pacing*
Topic 3: Two-Step Equations and Inequalities				
1	Picture Algebra	Modeling Equations as Equal Expressions	7.10B 7.11A	1
2	Expressions That Play Together...	Solving Equations on a Double Number Line	7.10B 7.11A	1
MATHia				1
3	Formally Yours	Using Inverse Operations to Solve Equations	7.10A 7.10C 7.11A 7.11B	3
MATHia				1
Mid Topic Assessment				1
4	Be Greater Than	Solving Inequalities with Inverse Operations	7.10A 7.10C 7.11A 7.11B	3
MATHia				1
End of Topic Assessment				1
Topic 4: Multiple Representations of Equations				
1	Put It on the Plane	Representing Equations with Tables and Graphs	7.7A 7.10A 7.11A	2
MATHia				1
2	Stretches, Stacks, and Structure	Structure of Linear Equations	7.7A 7.10A 7.11A	3
MATHia				1
Mid Topic Assessment				1
3	Deep Flight I	Building Inequalities and Equations to Solve Problems	7.4A 7.7A 7.10A 7.11A	2
MATHia				1

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4	Texas Tea and Temperature	Using Multiple Representations to Solve Problems	7.4A 7.7A 7.10C	2
MATHia				1
End of Topic Assessment				1

Module 4: Analyzing Populations and Probabilities

Topic 1: Introduction to Probability

1	Rolling, Rolling, Rolling...	Defining and Representing Probability	7.6E	2
MATHia				1
2	Give the Models a Chance	Probability Models	7.6I	2
MATHia				1
Mid Topic Assessment				1
3	Toss the Cup	Determining Experimental Probability of Simple Events	7.6C 7.6D 7.6H	2
MATHia				1
4	A Simulating Conversation	Simulating Simple Experiments	7.6B 7.6C 7.6D	2
MATHia				1
End of Topic Assessment				1

Topic 2: Compound Probability

1	Evens or Odds?	Using Arrays to Organize Outcomes	7.6A 7.6C 7.6D 7.6I	2
2	Three Girls and No Boys?	Using Tree Diagrams	7.6A 7.6C 7.6D	1
MATHia				1
Mid Topic Assessment				1
3	Pet Shop Probability	Determining Compound Probability	7.6A 7.6D	1



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4	On a Hot Streak	Simulating Probability of Compound Events	7.6B 7.6C 7.6D	2
MATHia				1
End of Topic Assessment				1

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Topic 3: Drawing Inferences				
1	We Want to Hear From You!	Collecting Random Samples	7.6F 7.12B	2
MATHia				1
2	Tiles, Gumballs, and Pumpkins	Using Random Samples to Draw Inferences	7.6F 7.12B	2
MATHia				1
Mid Topic Assessment				1
3	A Picture Is Worth a Thousand Words	Bar Graphs	7.6G 7.6H 7.12C	2
4	Spicy or Dark?	Comparing Two Populations	7.6G 7.12A	2
MATHia				1
5	Finding Your Spot to Live	Using Random Samples from Two Populations to Draw Conclusions	7.6F 7.12A 7.12C	2
MATHia				1
End of Topic Assessment				1

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Module 5: Constructing and Measuring				
Topic 1: Area and Surface Area				
1	Slicing and Dicing	Composite Figures	7.9C	2
MATHia				1
2	Breaking the Fourth Wall	Surface Area of Rectangular Prisms and Pyramids	7.9D	2
MATHia				1
3	Special Delivery	Special Angle Relationships	7.11C	2
MATHia				1
End of Topic Assessment				1
Topic 2: Three-Dimensional Figures				
1	Hey, Mister, Got Some Bird Seed?	Volume of Pyramids	7.8A 7.8B 7.9A	2
MATHia				1
2	The Sound of Surface Area	Surface Area of Pyramids	7.9A 7.9D	2
MATHia				1
3	More Than Four Sides of the Story	Volume and Surface Area of Prisms and Pyramids	7.9A 7.9C 7.9D	2
MATHia				1
End of Topic Assessment				1