

7th Grade Pre-AP/GT

First Semester

1st Nine Weeks

TEKS

Rational and Irrational Numbers

7.2, 8.2A,B,D

Rational Number Operations

7.3 A, B

Scientific Notation

8.2C

Unit Rates

7.4 B

Proportional Relationships

7.4 A, C, 8.4B,C & 8.5A,E

Nonproportional Relationships

8.4C & 8.5B,F

Systems by Graphing

8.9

Writing Linear Equations

7.7, 8.5C & 8.5I

Slope in Proportional/Non-Proportional Relationships

8.4 B, C, 8.5 B, F

2nd Nine Weeks

TEKS

Functions

8.5G,H,I

Equations and Inequalities (variables on both sides)

7.10 A, B, 8.8A

Proportionality in Geometry

7.5 A, B, C

Finding Circumference/Area of Circles

7.9 B, 7.8 C

Area of Composite Figures

7.9 C

Dimensional Change of Two Dimensional Figures

8.3 C

Volume of Rectangular Prisms/Pyramids

7.8 A

Volume of Triangular Prisms/Pyramids

7.9 A

Volume of Cylinders, Cones, and Spheres

8.6 A, B, 8.7 A

Lateral/Total Surface Area of Prisms/Pyramids

7.9 D

Lateral/Total Surface Area of Cylinders

8.7 A, B

Transformations

8.10A, C

Dilations

8.3B,C,D

Total Days Needed in Semester		0
Total Days Available in Semester		0
Semester Balance		0
		=
Total Days Needed in School Year		
Total Days Available in School Year		
		=

Second Semester

3rd Nine Weeks	TEKS
Angle Relationships in Parallel lines	7.11 C, 8.8D
Pythagorean Theorem	8.6C & 8.7C,D
Scatter Plots	8.5D & 8.11A
Sampling	8.11B,C
Personal Finance	8.12A,D F,G
Sales/Income Tax	7.13 A
Simple/Compound Interest	7.13 E
Making Purchasing Decisions	7.13 F
Personal Budgets	7.13 B, D
Net Worth Statement	7.13 C

4th Nine Weeks

Algebra Vocabulary	
Distributive Property	
Function Notation	
Experimental Probability (Simple and Compound)	7.6 A, B, C, E, I
Theoretical Probability (Simple and Compound)	7.6 H, I
Analyzing Categorical Data	7.6 G
Dot and Box Plots	7.12 A
Populations and Samples	7.6 F, 7.12 B, C
Converting Between Measurement Systems	7.4 E
Applications of Percents	7.4 D

Total Days Needed in Semester		
Total Days Available in Semester		
Semester Balance		0
School Year	0	
School Year	0	School Year Balance