



**1<sup>st</sup> Quarter (45 Days)**

**Resources:**

Mc Graw Hill Course 2

Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Aug 8-12 (5 days)	Intro to Math Class Policies and Procedures	Class Intro / Activities/Discipline Policy/Classroom Expectations/CHAMPS	Class Intro / Activities
2 <sup>nd</sup> : Aug 15-19 (5 days)	Ch. 1 – Rational Numbers Lesson 1 -5	TSWL: Model Rational Numbers What are the relationships between rational numbers? Add and Subtract Rational Numbers- Integers Multiply and Divide Integers Fluently add and subtract like fractions	7.2 7.3A,B
3 <sup>rd</sup> : Aug 22-26 (5 days)	Ch. 1- Continued Lesson 6-9	TSWL: Fluently add and subtract unlike fractions Fluently add and subtract mixed numbers Fluently Multiply rational numbers Fluently divide rational numbers	7.3 A,B
4 <sup>th</sup> : Aug 29-Sept 2 (5 days)	Ch. 2- Proportional Relationships Lesson 1-5	TSWL: To solve unit rates To solve problems with complex fractions and unit rates Convert unit rates To solve problems with proportional and non- proportional relationships Graph proportional relationships	7.4 A,B,D
5 <sup>th</sup> : Sept 6-9 (4 days)	Ch. 2- Proportional Relationships Lesson 6-9	TSWL: Solve proportional relationships Convert between systems To solve problems with rate of change To solve problems with constant of proportionality	7.3 A 7.4 E 7.4 A,C,D
6 <sup>th</sup> : Sept 15-16 (2 days)	Ch. 3- Apply Proportionality to Percent Lesson 1-4	TSWL: To find the percent of a number To find percentages and estimate To find percent with a proportion To solve problems with the percent equation	7.4 D
7 <sup>th</sup> : Sept 19-23 (5 days)	Ch. 3 Continued Lesson 5-8	TSWL: To find percent of change To find sales tax, tips and markup	7.4 D, 7.13 E



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		To calculate discount To calculate simple and compound interest	
8 <sup>th</sup> : Sept 26-30 (5 days)	Ch. 4- Apply Proportionality to Geometry Lesson 1-2	TSWL: Solve problems with scale drawings The critical attributes of similar figures	7.5 A,C
9 <sup>th</sup> : Oct 3-7 (5 days)	Review and assessment	<b>1<sup>st</sup> Benchmark</b>	Review and assessment
10 <sup>th</sup> : Oct 10-14 (5 days)	Ch 4 – Continued Lesson 3-4	TSWL: About changes in dimensions- perimeter and area Model Circumference	7.5 A,C,B

2nd Quarter (39 Days)			
Resources: Mc Graw Hill Course 2			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Oct 17-21 (5 days)	Ch. 5 – Apply Proportionality to Probability Lesson 1-2	TSWL: Understand probability of simple events Understand sample spaces Understand theoretical and experimental probability	7.6 A,C,D,H
2 <sup>nd</sup> : Oct 24-28 (5 days)	Ch. 5 Cont. Lesson 3-5	TSWL: Probability of compound events Understand simulations Understand independent and dependent events	7.6 I, D, H , B, A
3 <sup>rd</sup> : Oct 31- Nov 4 (5 days)	Review and assessment	<b>IOWA/ITBS Complete Battery Gr 3-8</b>	Review and assessment
4 <sup>th</sup> : Nov 7-11 (5 days)	Ch. 6 – Linear Relationships Lesson 1-2	TSWL: To identify linear relationships Solve equations of linear relationships	7.7
5 <sup>th</sup> : Nov 14-18 (5 days)	Ch.6 Cont. Lesson 3 Lesson 4-5	TSWL: Understand and solve problems involving slope Use the slope intercept form Will write equations from tables and graphs	7.7



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6 <sup>th</sup> : Nov 28- Dec 2 (5 days)	Ch. 7 – Equations and Inequalities Lesson 1-4	TSWL: To solve problems with equations and inequalities To solve one step equations To solve equations with rational coefficients To solve and write two step equations	7.10 A 7.11 A,B
7 <sup>th</sup> : Dec 5-9 (5 days)	Review and assessment	<b>2<sup>nd</sup> Benchmark</b>	Review and assessment
8 <sup>th</sup> : Dec 12-16 (5 days)	Ch. 7 Cont. Lesson 5-7	TSWL: To solve two step equations using the distributive property To solve one step inequalities To solve and write two step inequalities	7.10 A,C 7.11 A

3rd Quarter (46 Days)			
Resources: Mc Graw Hill Course 2			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Jan 3-6 (4 days)	Ch. 8 – Develop Geometry with algebra Lesson 1-5	TSWL: To solve problems with angle relationships To understand complementary and supplementary angles Understand sums of angles in triangles Understand and solve problems with area of a circle To find area of composite figures	7.8 C 7.9 B 7.9 C 7.11 C
2 <sup>nd</sup> : Jan 9-13 (5 days)	Ch. 8 – Cont. Lessons 6-10	TSWL: To find volume of prisms To find volume of pyramids To find the surface area of rectangular prisms To find the surface area of triangular prisms To find surface area of pyramids	7.9 A,B,D 7.8A
3 <sup>rd</sup> : Jan 17-19 (3 days)	Review and assessment	<b>1<sup>st</sup> Mock STAAR</b>	Review and assessment
4 <sup>th</sup> : Jan 23-27 (5 days)	Ch. 9 – Statistics and sampling Lessons 1-3	TSWL: To understand bar graphs and dot plots	7.6 G 7.6 F



3rd Quarter (46 Days)			
Resources: Mc Graw Hill Course 2			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
		To understand circle graphs To make a prediction about a population	
5 <sup>th</sup> : Jan 30-Feb 3 (5 days)	Ch. 9- Cont. Lessons 4-7	TSWL: To understand biased and unbiased samples To understand and interpret misleading graphs and statistics Compare populations To select an appropriate display	7.6 F 7.12 B 7.6 G 7.12 A,C 7.6 G,F
6 <sup>th</sup> : Feb 6-10 (5 days)	Ch. 10 – Personal Financial Literacy Lessons 1-3	TSWL: To solve problems with sales and income tax To understand personal and family budgets To understand assets and liabilities	7.13 A 7.13 B, D 7.13 C,E,F
7 <sup>th</sup> : Feb 13-17 (5 days)	Review and Assessment	2 <sup>nd</sup> Mock STAAR	Review
8 <sup>th</sup> : Feb 21-24 (4 days)	Ch. 10- Cont Lessons 4-5	TSWL: To understand and solve problems with simple and compound interest To shop with monetary incentives	7.13 E,F
9 <sup>th</sup> : Feb 27- Mar 3 (5 days)	Review and assessment	3 <sup>rd</sup> Benchmark	Review and assessment
10 <sup>th</sup> : Mar 6-10 (5 days)	Math Labs and Projects	Review	Review

4th Quarter (48 Days)			
Resources: Mc Graw Hill Course 2			
Week	Unit/Lesson	Learning Objectives	Reporting Categories ( TEKS SEs)
1 <sup>st</sup> : Mar 20-24 (5 days)	Review and assessment	3 <sup>rd</sup> Mock STAAR	Review
2 <sup>nd</sup> : Mar 27-31 (5 days)	Review and assessment	March 28: STAAR Writing	Review
3 <sup>rd</sup> : Apr 3-7 (5 days)	Math Labs and Projects	Review	Review
4 <sup>th</sup> : Apr 10-14 (5 days)	Math Labs and Projects	Review	Review



4th Quarter (48 Days)

Resources:

Mc Graw Hill Course 2

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5 <sup>th</sup> : April 18-22 (5 days)	Review and assessment	IOWA/ ITBS Complete Battery KG-2	Review and assessment
6 <sup>th</sup> : Apr 24- 28 (5 days)	Math Labs and Projects	Review	Review and assessment
7 <sup>th</sup> : May 1-5 (5 days)	Math Labs and Projects	Review	Review and assessment
8 <sup>th</sup> : May 8-12 (5 days)	Review and assessment	May 8: STAAR- Math May 9: STAAR- Reading	Review and assessment
9 <sup>th</sup> : May 15-19 (5 days)	Review and assessment	Final Benchmark	Review and assessment
10 <sup>th</sup> : May 22-24 (3 days)	Graduation Preparation	Review	Review