2021-2022 Math 4th Grade
Year at a Glance

First Semester		Second Semester	
1st Nine Weeks – 42 days (August 16th – October 13th) *September 6th – Labor day – No School* *October 11th – Staff Development*		**3rd Nine Weeks – 44 days** (January 3rd – March 4th) *January 17th – MLK – No School* *February 21st- Staff Development* *March 7th – 11th – Spring Break*	
TEKS **Topic 1:** 4.2, 4.2A, 4.2B, 4.2C, 4.2D, 4.2E, 4.2F, 4.2G, 4.2H	**BOY** Get to You Know You Math (5 days) **Topic 1 Place Value** Vocabulary and Pre Assessment Topic 1.1 - 1.4 Whole Numbers + Quick Check (7 days) Topic 1.6 - 1.10 Decimals + Quick Check (9 days)	**TEKS** **Topic 9:** 4.5, 4.5B	**Topic 9 Patterns and Equations** Vocabulary and Pre Assessment Topic 9.1-9.6 + Quick Check (7 days)
Topic 2: 4.4, 4.4A, 4.4G, 4.5, 4.8C	**Topic 2 Adding and Subtracting Whole Numbers and Decimals** Vocabulary and Pre Assessment Topic 2.2 - 2.10 + Quick Check (10 days)	**Topic 10:** 4.3A, 4.3C, 4.3G, 4.3D,	**Topic 10 Fraction Meanings and Equivalence** Vocabulary and Pre Assessment Topic 10.1-10.6 + Quick Check (9 days)
Topic 3: 4.4, 4.4B, 4.4D, 4.4G, 4.8C	**Topic 3 Multiplying by 1-Digit Numbers** Vocabulary and Pre Assessment Topic 3.1 - 3.3, 3.5, 3.7 - 3.8 + Quick Check (7 days) **MAP BOY Testing** (1 day) **CBA Testing (**1 day)	**Topic 11:** 4.3E, 4.3B, 4.3F **Topic 12:** 4.8A, 4.8B, 4.8C	**Topic 11 Adding and Subtracting Fractions With Like Denominators** Vocabulary and Pre Assessment Topic 11.1-11.6 + Quick Check (7 days) **Topic 12 Measurement Units and Conversions** Vocabulary and Pre Assessment Topic 12.1 - 12.10 Whole Numbers + Quick Check (14 days) **MAP MOY Testing** (1 day) **CBA Testing (**1 day) **Writing Interim Testing** (1 day)
2nd Nine Weeks – 43 days (October 14th – December 17th) *November 22nd – 26th – Thanksgiving Break* *December 20th – December 31st – Holiday Break*		**4th Nine Weeks – 51 days** (March 14th – May 25th) *April 8th – Battle of Flowers – No School* *April 15th – Good Friday – No School*	
TEKS **Topic 4:** 4.4D, 4.4H, 4.5, 4.8C	**Topic 4 Developing Proficiency: Multiplying by 1-Digit Numbers** Vocabulary and Pre Assessment Topic 4.1 - 4.7 + Quick Check (8 days)	**TEKS** **Topic 13:** 4.5C, 4.5D, 4.8C	**Topic 13 Solving Measurement Problems** Vocabulary and Pre Assessment Topic 13.1 - 13.7 + Quick Check (8 days)
Topic 5: 4.4C, 4.4D, 4.4G, 4.5A	**Topic 5 Number Sense: Multiplying by 2- Digit Numbers** Vocabulary and Pre Assessment Topic 5.1 - 5.5 + Quick Check (6 days)	**Topic 14:** 4.6A, 4.7, 4.7C, 4.7D, 4.7E. 4.6B, 4.6, 4.6D	**Topic 14 Lines, Angles, Shapes** Vocabulary and Pre Assessment Topic 14.1-14.2, 14.5-14.10 + Quick Check (10 days)
Topic 6: 4.4C, 4.4D, 4.4H, 4.5A	**Topic 6 Developing Proficiency: Multiplying by 2-Digit Numbers** Vocabulary and Pre Assessment Topic 6.1 - 6.5 , 6.7 + Quick Check (7 days)	**Topic 15** 4.9A, 4.9B	**Topic 15 Data Analysis** Vocabulary and Pre Assessment Topic 15.1-15.6 + Quick Check (7 days)
Topic 7: 4.4E, 4.4F, 4.4G, 4.4H, 4.5	**Topic 7 Number Sense: Dividing by 1-Digit Divisors** Vocabulary and Pre Assessment Topic 7.1 - 7.5 + Quick Check (6 Days)	**Topic 16** 4.10A, 4.10B, 4.10C, 4.10D, 4.10E	**Topic 16 Personal Financial Literacy** Vocabulary and Pre Assessment Topic 16.1 - 16.5 + Quick Check (7 days)
Topic 8: 4.4E, 4.4F, 4.4G	**Topic 8 Developing Proficiency: Dividing by 1-Digit Divisors** Vocabulary and Pre Assessment Topic 8.3 - 8.8, and Interpreting Remainders + Quick Check (10 Days) **CBA Testing (**1 day)		**STAAR Review (**4 days) **MAP EOY Testing** (1 day) **Interim Testing** (2 days) **STAAR Testing** (3 days)

==* This YAG follows Pearson Envisions Topics* *Scroll down to see notes*==

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Topics 1 -3

Manipulatives needed:
Base 10 blocks
Money kit
Hundredths Grids
Place Value Chart
Envisions Online Math Tools

Assessments:
Google Forms(must make a copy)
 or assign Pearson quick checks
Give at least 1 quick check each week

Skip Envisions lessons:
2.1, 3.4, 3.6

Notes:
1.1 - Numbers Through One Billion: *Expanded Notation. The book does not teach this skill. Must supplement with other resources.(See example lesson and classwork)
1.4 - Rounding Whole Numbers- Spend 2 days on this lesson
1.7 - Decimal Place Value: *Expanded Notation of Decimals The book does not teach this skill. Must supplement with other resources. (See example lesson and classwork)

Anchor Charts

Topics 9 -12

Manipulatives needed:
Fraction circles
Fraction strips
Clocks (for intervention)
Envisions Online Math Tools

Assessments:
Google Forms(must make a copy)
 or assign Pearson quick checks
Give at least 1 quick check each week

Skip Envisions lessons:
11.7, 11.8

Notes:
10.2 - Equivalent Fractions - Spends 2 days on this lesson
12.10 - Units of Time- The book does not teach this skill in depth. Must supplement with other resources. (Start/End time, Elapsed time, Converting Time, Review Clock skills) (See Folder)

Anchor Charts

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Topics 4 - 8

Manipulatives needed:
Base 10 blocks
Multiplication Chart
Envisions Online Math Tools

Assessments:
Google Forms(must make a copy)
 or assign Pearson quick checks
Give at least 1 quick check each week

Skip Envisions lessons:
6.6, 8.1, 8.2

Notes:
6.4 - 2-Digit by 2-Digit Standard Algorithm -Spend 2 days on this lesson
Interpreting
Remainders: The book does not teach this skill. Must supplement with other resources. (See examples of classwork)

Anchor Charts

Topics 13 -16

Manipulatives needed:
STAAR Conversion Chart
Protractor
Ruler
Envisions Online Math Tools

Assessments:
Google Forms (must make a copy)
 or assign Pearson quick checks
Give at least 1 quick check each week

Skip Envisions lessons:
14.3, 14.4

Notes:
14.5 Measuring Angles: Spend 2 days on this skill. Teach angles that don't start at 0° (see example)
16.5 Profit - Spend 2 days on this lesson. Must supplement with other resources. (see example)

Anchor Charts