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| **Unit 1 Numerical Representation and Ordering Rational Numbers** **8/20-9/12 (17 days)** |
| 8/15-8/17 | 3 |  | Math school procedures |  |
| 8/20-8/22 | 3 | 6.2A6.2B | **Classify numbers*** Whole numbers, integers, rational numbers
* Using visual representation

**Absolute value*** Identify
 | **Grade 5** * Prime and composite number
* Multiplication 3 by 2 & 4 by 1
* Division up to 4 by 2
* Reading numbers on a numberline
 |
| 8/23-8/24 | 2 | **6.7A** | **Prime factorization only*** to support simplifying fractions

In 5th grade: identify prime and composite number (5.4A) |
| 8/27-9/5No School 9/3 | 7 | 6.2E6.4E6.4F**6.4G**6.5C | **Generate Equivalent forms of rational numbers*** Simplify fractions
* Mixed / Improper
* Fraction/Decimal, Fraction/Percent (new), Percent/Decimal (new)
* Represent benchmark fractions
* Represent percent concrete (new)
* Real world problem

In 5th grade: simplify fractions, mixed/improper, fraction/decimal was added to the curriculum |
| 9/6-9/11 | 4 | 6.2C**6.2D** | **Compare order rational numbers*** Number line
* Real world contexts

In 5th grade: compared and ordered two decimals to the thousandths place (5.2B) |
| 9/12 | 1 |  | Teacher -made assessment (recommended) |  |
| **Unit 2 Positive Rational Number Operation** **9/13-10/10 (18 days)** |
| 9/13-9/17 | 3 | 6.3A6.3B | **Laying the foundation for algorithms for fractions*** Discover dividing same as multiply reciprocal
* Increase or decrease when multiplying fractions
 | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions

 **Grade 5**(intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 9/18-9/25 | 6 | **6.3E** | **Fraction Operations*** multiply fraction x fraction
* multiply mixed numbers
* divide fractions
* divide mix numbers

In 5th grade: multiply a fraction x fraction and divided a whole number by unit fractions only (5.3I, 5.3L) |
| 9/26-10/3last day of  6 weeks 9/27No School 9/28 | 5 | **6.3E** | **Decimal Operations*** Multiply decimal
* Divide decimal with decimal in the divisor and dividend

In 5th grade: solve quotients of decimals to the hundredths decimal in the dividend only (5.3G)solve product of decimal to the hundredths (5.3E) |
| 10/4-10/10No School 10/8 | 4 | **6.3E** | **Fraction and Decimal Operations*** Multiply and divide decimal/fractions
* include decimals and fractions mix together
 |
| 10/11 | 1 |  | CBA 1 (Unit 1 and 2) |
| **Unit 3 Integer Operations and Order of Operation****10/12-10/30 (11 days)** |
| 10/12-10/18 | 5 | 6.3C**6.3D** | **Add integers CRA*** Concrete models (two color counters, number lines)
* fluently

**Subtract integers CRA*** Concrete models (two color counters, number lines)
* fluently
 | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions (to get ready for Unit 4)

**Grade 5** (intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 10/19-10/23 | 3 | 6.3C**6.3D** | **Multiply/divide integers CRA*** Concrete models (two color counters, number lines)
* fluently
 |
| 10/24-10/29No School 10/26 | 3 | 6.3C**6.3D** | **All Operations*** add, subtract, multiply, divide integers
* can include order of operation with integers only
 |
| 10/30 | 1 |  | Teacher -made assessment (recommended) |
| **Unit 4 Ratios, Rates, Proportions, Percent****10/31-12/10 (24 days)** |
| 10/31-11/5last day of  6 weeks 11/2 | 4 | 6.4C6.4D | **Ratios*** understand ratios
* multiplicative comparison

**Rates*** understand rates
* comparison by division
 | **Grade 6*** Multiply/Divide Fractions
* Integer Operations

**Grade 5** (intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 11/6-11/12 | 5 | **6.4B** | **Solve problems involving ratios and rates*** make predictions with missing values
* comparison that involve ratios and rates
 |
| 11/13-11/14 | 2 | **6.4H** | **Converting measurement*** use proportions
* use unit rates
* multi-step converting

In 4th grade: converting in a table introduced(4.8B)In 5th grade: solve problems by calculating conversions (5.7a) |
| 11/15 | 1 |  | Teacher -made assessment (recommended) |
| 11/16-11/28Thanksgiving11/19-11/23 | 4 | 6.5A | **Represent mathematical and real-world problems*** with rate and ratios
* using scale factor, proportion, graphs, table
 |
| 11/29-12/10 | 8 | **6.5B** | **Percent*** solve real-world problems
* find the whole given the part &percent
* find the part given the whole & percent
* find percent give the part & whole
* use concrete and pictorial models
 |
| 12/11 | 1 |  | CBA 2 (Unit 3 and 4) |
| **Unit 5 Expression, Equation, Inequality****12/12-2/12 (30 days)** |
| 12/12-12/17 | 4 | **6.7A** | **Order of Operations*** include exponents and absolute value
* integers
* positive rational numbers

In 5th grade: order of operation w/o exponent and absolute value include adding and subtracting fraction and multiply/divide decimals | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions

**Grade 5** (intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 12/18 | 1 | 6.7B | **Distinguish between Expression/Equation*** verbal
* numerically
* algebraically
 |
| 12/19last day of  6 weeks 12/20Winter Break12/21-1/7 | 1 | 6.7C | **Model equivalent expression*** use alg tiles
 |
| 1/8-1/9 | 2 |  | Review Unit 1-4 |
| 1/10-1/17 | 6 | 6.7C**6.7D** | **Generate expression with properties*** Model expression
* Include partial product
* Not require to name properties
* Include combine like terms
 |
| 1/18 | 1 |  | Teacher -made assessment (recommended) |
| No School 1/211/22-1/23 | 2 | 6.9B | **Represent equation/inequality** * number line
 |
| 1/24-1/29 | 4 | 6.9A6.9C | **Write one step equation/inequality****Write real-world problems*** use strip diagram
 |
| 1/30-2/12 | 10 | **6.10A**6.10B | **Solve and Model one step equation/inequality*** Determine if solution is true
* Positive rational numbers
* Integers
* Model (strip diagram, algebra tiles
* Complementary and Supplementary angles
* Combine like terms
 |
| 2/13 | 1 |  | CBA 3 (Unit 5) |
|  |
| **Unit 6 Graph and Table Relationship****2/14-3/1 (10 days)** |
| last day of  6 weeks 2/14 | 4 | **6.11A** | **Graph points in all 4 Quadrants*** Understand the process for graphing ordered pairs
* Plot a point on a coordinate plane to satisfy a situation

In 5th grade: graph in the first quadrant(5.8C) | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions

**Grade 5** (intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 2/14-2/21Weather day2/15President day2/18 |
| 2/22 | 1 | 6.4A | **Compare rules with Multiplicative/Additive*** verbally
* numerically
* graphically
* symbolically

In 5th grade: Recognize the difference between additive andmultiplicative in a table and graph(5.4D) |
| 2/25 | 1 | 6.6A6.6B | **Identify independent and dependent quantities*** tables
* graphs
* write equations

In 5th grade: generate a numerical pattern when given a rulein the form y = ax or y = x + a and graph (5.4C) |
| 2/26-3/1 | 4 | 6.4A6.6A6.6B**6.6C** | **Represent Situations*** Using verbal, tables, graphs and equations
* fractions/ decimals
* y=kx and y=x + b
* connect with multiplicative/additive
* connect with independent and dependent
 |
| 3/4 | 1 |  | Teacher -made assessment (recommended) |
| **Unit 7 Statistical Data****3/8-4/8 (16 days)** |
| 3/5– 3/6 | 2 |  | Review Unit 1-6 | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions

**Grade 5** (intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 3/7 | 1 | 6.13b | **Variability*** distinguish between situations that yield data with or without variability
 |
| 3/8—3/21Spring Break3/11-3/15 | 5 | 6.12B6.12C | **Summarize data*** with numerical summaries (mean, median, range, interquartile)
* use summaries to describe the center, spread, and shape
 |
| 3/22-3/25 | 2 | 6.12A6.12B**6.13A** | **Box Plot (new)*** Represent, Summarize, and Interpret
 |
| Benchmark (optional/recommended day) 3/26- 3/27 |
| 3/28-3/29 | 2 | 6.12A6.12B**6.13A** | **Histogram (new)*** Represent, Summarize, and Interpret
 |
| 4/1 | 1 | 6.12A6.12B**6.13A** | **Dot Plot and Stem & Leaf*** Represent, Summarize, and Interpret
* rational numbers

In 5th grade: represent data in a dot plot and stem-and-leaf plot in fractions(5.9A) |
| 4/2-4/3 | 2 | 6.12A6.12B**6.13A** | **Interpret Graphs*** explain the meaning of graphs
* dot plot, stem-and-plot, histogram, box plot

In 5th grade: solve one/two step problems from frequency table, dot plot, stem-and-leaf plot (5.9C) |
| 4/4-4/8 | 3 | **6.12D** | **Summarize Percent Bar graph/Frequency Table*** use percent of value
* represent part-to-part or part-to-whole relationships
 |
| 4/9 | 1 |  | Teacher -made assessment (recommended) |
| **Unit 8 Measurement****4/10-4/18 (7 days)** |
| 4/10-4/15last day of  6 weeks 4/12 | 5 | 6.8B6.8C**6.8D** | **Area of Parallelogram, Trapezoid and Triangle*** Model area formula
* Decompose and rearrange parts
* Write equation
* Determine solution
* Include measuring sides

In 5th grade: represent and solve problems related area and related to volume with rectangle only (5.4H) | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions

**Grade 5** (intervention/homework)* adding fractions/mixed numbers
* subtracting fractions/mixed numbers
 |
| 4/17-4/18Weather day4/19 | 2 | 6.8C**6.8D** | **Volume*** Rectangular prisms only
* Write equation
* B=area of the base
* Determine the solutions

In 5th grade: Use concrete objects and pictorial models to develop the formulas for the volume of a rectangular prism, including the special form for a cube (V = l x w x h, V = s x s x s, and V = Bh)(5.4G) |
| 4/22 | 1 |  | CBA 4 (Unit 6, 7, and 8) |
| **Unit 9 Geometry****4/23-4/30 (6 days)** |
| 4/23-4/24 | 2 | 6.8a | **Triangle Sum Theorem*** sum of the angle =180$°$
 | **Grade 6*** simplify fractions
* fractions, decimal, percent conversions
 |
| 4/25-4/26 | 2 | 6.8a | **Opposite Side Angle Theorem*** the greater angle is opposite the greater side
 |
| 4/29-4/30 | 2 | 6.8a | **Triangle Inequality Theorem*** the sum of any 2 sides > the third side
 |
| **Unit 10 Financial Literacy****5/1-5/3 (3 days)** |
| 5/1 | 1 | 6.14A6.14B6.14C | **Bank Accounts*** compare features of checking account and debit card
* balance a check register
* debit card vs credit card
 |  |
| 5/2 | 1 | 6.14D6.14E6.14F | **Credit*** the importance of a positive credit history
* credit report
* value of credit reports to borrowers and the lenders
 |
| 5/3 | 1 | 6.14G6.14H | **College and Salaries*** methods to pay for college
* compare annual salary for post-secondary education or vocational training
 |
| **5/6-5/10** | **5** |  | STAAR Thinking Strategies |
| **5/13-5/14** | **1** |  | **STAAR TEST 5/13-5/14** |
| 5/15-17 | 3 | **6.3D****6.3E****6.7A** | Rational Number Operation |  |
| 5/20-5/22 | 3 | **6.4B****6.5B** | Rates, Ratio, Percent |  |
| 5/23last day of  6 weeks 5/23 |  |  | Last Day of School |  |