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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 | 6.2A  6.2B | **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) |
| 8/27-9/5  No School 9/3 | 7 | 6.2E  6.4E  6.4F  **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 | 6.3A  6.3B | **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) |
| 9/26-10/3  last day of  6 weeks 9/27  No 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) |
| 10/4-10/10  No 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 |
| 10/24-10/29  No 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)** | | | | |
| 10/31-11/5    last day of  6 weeks 11/2 | 4 | 6.4C  6.4D | **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) |
| 11/16-11/28  Thanksgiving  11/19-11/23 | 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 |
| 12/19  last day of  6 weeks 12/20  Winter Break  12/21-1/7 | 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 1/21  1/22-1/23 | 2 | 6.9B | **Represent equation/inequality**   * number line |
| 1/24-1/29 | 4 | 6.9A  6.9C | **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 |
| 2/14-2/21  Weather day  2/15  President day  2/18 |
| 2/22 | 1 | 6.4A | **Compare rules with Multiplicative/Additive**   * verbally * numerically * graphically * symbolically   In 5th grade: Recognize the difference between additive and  multiplicative in a table and graph(5.4D) |
| 2/25 | 1 | 6.6A  6.6B | **Identify independent and dependent quantities**   * tables * graphs * write equations   In 5th grade: generate a numerical pattern when given a rule  in the form y = ax or y = x + a and graph (5.4C) |
| 2/26-3/1 | 4 | 6.4A  6.6A  6.6B  **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—3/21  Spring Break  3/11-3/15 | 5 | 6.12B  6.12C | **Summarize data**   * with numerical summaries (mean, median, range, interquartile) * use summaries to describe the center, spread, and shape |
| 3/22-3/25 | 2 | 6.12A  6.12B  **6.13A** | **Box Plot (new)**   * Represent, Summarize, and Interpret |
| Benchmark (optional/recommended day) 3/26- 3/27 | | | |
| 3/28-3/29 | 2 | 6.12A  6.12B  **6.13A** | **Histogram (new)**   * Represent, Summarize, and Interpret |
| 4/1 | 1 | 6.12A  6.12B  **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 | 6.12A  6.12B  **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)** | | | | |
| 4/10-4/15  last day of  6 weeks 4/12 | 5 | 6.8B  6.8C  **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 |
| 4/17-4/18  Weather day  4/19 | 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 | 6.14A  6.14B  6.14C | **Bank Accounts**   * compare features of checking account and debit card * balance a check register * debit card vs credit card |  |
| 5/2 | 1 | 6.14D  6.14E  6.14F | **Credit**   * the importance of a positive credit history * credit report * value of credit reports to borrowers and the lenders |
| 5/3 | 1 | 6.14G  6.14H | **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 |  |
| 5/23  last day of  6 weeks 5/23 |  |  | Last Day of School |  |