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| **Teacher:** 5th grade | **Class/Subject:** 5th grade Math | **Week of:** April 28 - May 2 |
| **Weekly Standards:** | NBT.2, NBT.5, OA.3, NBT.6, NBT.7, NBT.4, NF.3, NF.1, NF.4, G.3, G.1 |
| **Depth of Knowledge Definitions** | **Recall and Reproduction:**Basic recall of concepts, definitions, facts, and processes; list of ideas; locating key ideas; sequencing; using a formula | **Skill/Concept:**Mental processing beyond recall or reproducing a response; application of skills in a familiar situation; making a decision on how to approach a problem; using more than one cognitive step in developing an answer; explanations of how and why | **Strategic Thinking:**More than one possible answer; goes beyond the text; a deep understanding exhibited through planning and reasoning; citing evidence and justifying a response; applying prior knowledge | **Extended Thinking:**Investigating that requires time to research, think, or process multiple conditions of a problem, examine alternative perspectives across a variety of sources, analyze and synthesize information from multiple sources, requires an extended period of time |
| **Anticipatory Set:** \*Congruent to objectives\*Active participation\*Past experience | **Direct Instruction:**\*Modeling\*Guided practice\*Check for understanding\*Independent practice | **Active Participation**\*M- Mandatory\*E- Elicited by the teacher\*A- All students, same time\*T- Throughout learning | **Closure:**\*Congruent to Objective\*Active participation\*Past experience\*Student summary |

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| **Monday** | **Lesson Title:** Math Literature Units | **Date:** April 28 |
| **Anticipatory Set:** See - Think-Wonder that has patterns in it | **Objectives/Student Friendly:** I can multiply multi-digit whole numbers. I can explain the number of zeros in a product when multiplying by powers of 10. I can generate two numerical patterns given two rules. I can fluently divide whole numbers. I can fluently multiply decimals. I can use place value to round decimals. I can interpret fractions as division of numerator. I can add/subtract fractions with unlike denominators. I can interpret the product of (a/b) x q. I can understand the attributes to two dimensional figures. I can define and use a coordinate system.  |
| **Direct Instruction:** Continue math literature unitsKeeping Records - place value, patterns, and multiplying whole numbersEverest Adventures- measurement, multiplication, graphsCruising the Caribean - graphs, multiplication, estimation, coordinate gridsGo Fly A Kite - two dimensional figures, area, fractionsThe Mighty MeKong - volume, multiply fractions, graphs, compare decimalsCracking the Code - multiplication, patterns, graphingHomework: Real World Problem worksheet | **Relevance:** using the literature books allows students to review standards in real world situation |
| **Materials/Resources:** |
| Worksheet: [x] Handout: [ ]  | Textbook:[x] Clickers: [ ]  | SmartBoard: [ ] Doc. Cam.: [ ]  |
| Other:       |
| **Active Participation:** whole group, small group, individual | **Depth of Knowledge** |
| Recall and Reproduction: [x] Skill/Concept: [x]  | Strategic Thinking:[ ] Extended Thinking:[ ]  |
| **Closure:** Timed Pair Share- something you learned from your math unit today | **Vocabulary:** place value, pattern, whole number, fraction, numerator, denominator, multiply, product, graph, x-axis, y-axis, coordinate grid, estimation, meter, kilometer, millimeter, centimenter, area, volume, two dimensional figures |
| **Reteach:** area and perimeter | **Enrich:**       |
| **Tuesday** | **Lesson Title:**  math literature | **Date:** April 29 |
| **Anticipatory Set:** See - Think - Wonder Using a picture involving multiple math concepts | **Objectives/Student Friendly:** I can multiply multi-digit whole numbers. I can explain the number of zeros in a product when multiplying by powers of 10. I can generate two numerical patterns given two rules. I can fluently divide whole numbers. I can fluently multiply decimals. I can use place value to round decimals. I can interpret fractions as division of numerator. I can add/subtract fractions with unlike denominators. I can interpret the product of (a/b) x q. I can understand the attributes to two dimensional figures. I can define and use a coordinate system. |
| **Direct Instruction:**  Use Math Literature to review standards from EnvisionsKeeping Records - place value, patterns, and multiplying whole numbersEverest Adventures- measurement, multiplication, graphsCruising the Caribean - graphs, multiplication, estimation, coordinate gridsGo Fly A Kite - two dimensional figures, area, fractionsThe Mighty MeKong - volume, multiply fractions, graphs, compare decimalsCracking the Code - multiplication, patterns, graphingHomework: Common Core review worksheet or real world problem worksheet | **Relevance:** using the literature books allows students to review standards in real world situations |
| **Materials/Resources:** |
| Worksheet: [x] Handout: [ ]  | Textbook:[ ] Clickers: [ ]  | SmartBoard: [ ] Doc. Cam.: [ ]  |
| Other: Math Literature Books |
| **Active Participation:** whole group, small group, individual | **Depth of Knowledge** |
| Recall and Reproduction: [x] Skill/Concept: [x]  | Strategic Thinking:[ ] Extended Thinking:[ ]  |
| **Closure:** Ticket out the door - using multiplication in a real world problem | **Vocabulary:** place value, pattern, whole number, fraction, numerator, denominator, multiply, product, graph, x-axis, y-axis, coordinate grid, estimation, meter, kilometer, millimeter, centimenter, area, volume, two dimensional figures |
| **Reteach:** area and perimeter | **Enrich:**       |

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| **Wednesday** | **Lesson Title:** Real world math through math literature | **Date:** April 30 |
| **Anticipatory Set:** Error analysis problem: real world problem with error analysis | **Objectives/Student Friendly:** I can multiply multi-digit whole numbers. I can explain the number of zeros in a product when multiplying by powers of 10. I can generate two numerical patterns given two rules. I can fluently divide whole numbers. I can fluently multiply decimals. I can use place value to round decimals. I can interpret fractions as division of numerator. I can add/subtract fractions with unlike denominators. I can interpret the product of (a/b) x q. I can understand the attributes to two dimensional figures. I can define and use a coordinate system. |
| **Direct Instruction:** Use Math Literature to review standards from EnvisionsKeeping Records - place value, patterns, and multiplying whole numbersEverest Adventures- measurement, multiplication, graphsCruising the Caribean - graphs, multiplication, estimation, coordinate gridsGo Fly A Kite - two dimensional figures, area, fractionsThe Mighty MeKong - volume, multiply fractions, graphs, compare decimalsCracking the Code - multiplication, patterns, graphingHomework: Common Core review worksheet or real world problem page | **Relevance:** using the literature books allows students to review standards in real world situations |
| **Materials/Resources:** |
| Worksheet: [x] Handout: [ ]  | Textbook:[ ] Clickers: [ ]  | SmartBoard: [ ] Doc. Cam.: [ ]  |
| Other: Math literature books |
| **Active Participation:** whole group, small group, individual | **Depth of Knowledge** |
| Recall and Reproduction: [x] Skill/Concept: [x]  | Strategic Thinking:[ ] Extended Thinking:[ ]  |
| **Closure:** Timed pair share: one think you learned about numbers/math in your math literature unit | **Vocabulary:** place value, pattern, whole number, fraction, numerator, denominator, multiply, product, graph, x-axis, y-axis, coordinate grid, estimation, meter, kilometer, millimeter, centimenter, area, volume, two dimensional figures |
| **Reteach:** area and perimeter | **Enrich:**       |
| **Thursday** | **Lesson Title:** Real world math through math literature | **Date:** May 1 |
| **Anticipatory Set:** Zoom in on graph or kites as link to math literature units | **Objectives/Student Friendly:** I can multiply multi-digit whole numbers. I can explain the number of zeros in a product when multiplying by powers of 10. I can generate two numerical patterns given two rules. I can fluently divide whole numbers. I can fluently multiply decimals. I can use place value to round decimals. I can interpret fractions as division of numerator. I can add/subtract fractions with unlike denominators. I can interpret the product of (a/b) x q. I can understand the attributes to two dimensional figures. I can define and use a coordinate system. |
| **Direct Instruction:** Continue math literature unitsKeeping Records - place value, patterns, and multiplying whole numbersEverest Adventures- measurement, multiplication, graphsCruising the Caribean - graphs, multiplication, estimation, coordinate gridsGo Fly A Kite - two dimensional figures, area, fractionsThe Mighty MeKong - volume, multiply fractions, graphs, compare decimalsCracking the Code - multiplication, patterns, graphingHomework: Common Core review worksheet or real world problem worksheet | **Relevance:** using the literature books allows students to review standards in real world situations |
| **Materials/Resources:** |
| Worksheet: [x] Handout: [ ]  | Textbook:[ ] Clickers: [ ]  | SmartBoard: [ ] Doc. Cam.: [x]  |
| Other: Math literature books |
| **Active Participation:** whole group, small group, individual | **Depth of Knowledge** |
| Recall and Reproduction: [x] Skill/Concept: [x]  | Strategic Thinking:[ ] Extended Thinking:[ ]  |
| **Closure:** Stand Up, Hand Up, Pair Up- to discuss what they learned in their math literature stories today | **Vocabulary:** place value, pattern, whole number, fraction, numerator, denominator, multiply, product, graph, x-axis, y-axis, coordinate grid, estimation, meter, kilometer, millimeter, centimenter, area, volume, two dimensional figures |
| **Reteach:** area and perimeter | **Enrich:**       |
| **Friday** | **Lesson Title:** Real world math through math literature units | **Date:** May 2 |
| **Anticipatory Set:** See - Think - Wonder using review of math  | **Objectives/Student Friendly:** I can multiply multi-digit whole numbers. I can explain the number of zeros in a product when multiplying by powers of 10. I can generate two numerical patterns given two rules. I can fluently divide whole numbers. I can fluently multiply decimals. I can use place value to round decimals. I can interpret fractions as division of numerator. I can add/subtract fractions with unlike denominators. I can interpret the product of (a/b) x q. I can understand the attributes to two dimensional figures. I can define and use a coordinate system. |
| **Direct Instruction:** Continue math literature unitsKeeping Records - place value, patterns, and multiplying whole numbersEverest Adventures- measurement, multiplication, graphsCruising the Caribean - graphs, multiplication, estimation, coordinate gridsGo Fly A Kite - two dimensional figures, area, fractionsThe Mighty MeKong - volume, multiply fractions, graphs, compare decimalsCracking the Code - multiplication, patterns, graphing | **Relevance:** using the literature books allows students to review standards in real world situations |
| **Materials/Resources:** |
| Worksheet: [x] Handout: [ ]  | Textbook:[ ] Clickers: [ ]  | SmartBoard: [x] Doc. Cam.: [ ]  |
| Other: Math literature books |
| **Active Participation:** whole group, small group, individual | **Depth of Knowledge** |
| Recall and Reproduction: [x] Skill/Concept: [x]  | Strategic Thinking:[ ] Extended Thinking:[ ]  |
| **Closure:** Share what you learned in math literature units | **Vocabulary:** place value, pattern, whole number, fraction, numerator, denominator, multiply, product, graph, x-axis, y-axis, coordinate grid, estimation, meter, kilometer, millimeter, centimenter, area, volume, two dimensional figures |
| **Reteach:**       | **Enrich:**       |