



Sixth Grade Math Chapter 2 Unit Plan

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time: (Weeks/Days) | Chapter 2: Fractions and Decimals <u>Essential Standards Lessons:</u> 2, 3 • <u>6.NS.1</u> | | | |
| Big Ideas: 2.2: Use a formal rule and visual model to divide fractions 2.3: Use a formal rule to divide mixed numbers and write story problems related to mixed numbers | Essential Question(s): How can you divide by a fraction? How can you model division by a mixed number? | | | |
| Standards for Mathematical Practice: 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning. | Student Learning Targets: 1. I can interpret quotients of fractions. (6.NS.1) 2. I can compute quotients of fractions. (6.NS.1) 3. I can solve word problems involving division of fractions by fractions (6.NS.1) | | | |
| Standards (Essential Standards are bold and underlined) | Vocabulary | Skills | Activities (Resources) | Assessment |
| <u>6.NS.1: Interpret and compute quotients of fractions and solve word problems involving division of fractions by fractions.</u> Link to Sample Test Item | Denominator Numerator Dividend Quotient Ratio Reciprocal Product | <ul style="list-style-type: none"> • Be able to find reciprocal of fraction. • Converting a whole number into a fraction. • Converting mixed numbers to fractions. • Model fractions. • Model dividing fractions. | 2.2: Dividing Fractions <ul style="list-style-type: none"> • Textbook Activities pgs. 62-63 (all) • Textbook Lesson pgs. 64-66 (all) • Textbook Exercise pgs. 67-69 (1-38, 43-52, 54-56) • RPJ pg. 35-37(all) <u>Additional Resources:</u> <ul style="list-style-type: none"> • Resources by Chapter pgs. 52 (all); 53 (all); 54 (1-14, 18-21); 55 (1-8); 56 (all) 2.3: Dividing Mixed Numbers <ul style="list-style-type: none"> • Textbook Activities pgs. 70-71 (all) | Suggested Common Formative Assessment: <ul style="list-style-type: none"> • After Learning Targets 1, 2, & 3 Common Summative Assessment <ul style="list-style-type: none"> • Assessment Book Chapter Test A (pg. 19-20) or |

| | | | | |
|----------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| | | | <ul style="list-style-type: none"> • Textbook Lesson pgs. 72-73 (all) • Textbook Exercise pg. 74 (all); 75 (25-40) • RPJ pgs. 39-42 (all) <p><u>Additional Resources:</u></p> <ul style="list-style-type: none"> • Resources by Chapter pgs. 57 (all); 58 (all); 59 (all); 60 (all); 61 (all); 62 (all) | Chapter Test B (pg. 21-22) |
| 6.NS.3: Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation. | | | <p>2.4: Adding and Subtracting Decimals</p> <ul style="list-style-type: none"> • Textbook Activities pgs. 78-79 (all) • Textbook Lesson pgs. 80-81 (all) • Textbook Exercise pg. 82-83 (1-34) • RPJ pgs. 43-45 (all) <p><u>Additional Resources:</u></p> <ul style="list-style-type: none"> • Resources by Chapter pgs.64-67 (all) <p>2.5: Multiplying Decimals</p> <ul style="list-style-type: none"> • Textbook Activities pgs. 84-85 (all) • Textbook Lesson pgs. 86-88 (all) • Textbook Exercise pg. 89-91 (1-8, 13-50, 52-60, 66-67). • RPJ pgs. 47-49 (all) <p><u>Additional Resources:</u></p> <ul style="list-style-type: none"> • Resources by Chapter pgs. 70-74 (all) <p>2.6: Dividing Decimals</p> | |

| | | | | |
|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | | <ul style="list-style-type: none"> • Textbook Activities pgs. 92-93 (all) • Textbook Lesson pgs. 94-96 (all) • Textbook Exercise pgs. 97-99 (1-7, 12-52, 57-58). • RPJ pgs. 51-53 (all) <p><u>Additional Resources:</u></p> <ul style="list-style-type: none"> • Resources by Chapter pgs. 43-81 (all) | |
|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

Reflect on CFAs - What adjustments should be made for the following year?