

Jefferson City Public Schools–Curriculum

SUBJECT: Elementary

COURSE: EER

STRAND: Treasures from the Attic

Objectives	Assessment/Evaluation	Instructional Activities
<p>(A) Estimate the sizes of fractions and compare the relative sizes of fractions less than one</p> <p>Performance: 1.10, 2.1 Knowledge: (CA) 4 (MA) 3,5 CAGLE: W.2.Aa,b; W.2.E a-f (Gr. 6) MAGLE: NO.1.D; DP.2.A (Gr. 5) NETS: (3-5) 8 DOK: 2</p>	<p>Assess using a teacher scoring guide:</p> <ul style="list-style-type: none"> • Check Up #1 • Journal pages 1 and 2 	<ul style="list-style-type: none"> • Pre-test • Mathematician's Journal Think Deeply Questions #1 and #2 • Paper models for making fractions
<p>(B) Identify and rename equivalent fractions and order fractions of all types including improper fractions and mixed numbers</p> <p>Performance: 1.6, 2.1 Knowledge: (CA) 4 (MA) 2 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: M.2.E (Gr. 5) NETS: (3-5) 8 DOK: 1</p>	<ul style="list-style-type: none"> • Journal pages 1 and 2 – assessed using a teacher-created scoring guide • Scoring guide for the handouts: <ul style="list-style-type: none"> • Frolicking Frogs • Frisky Frog Leaps 	<ul style="list-style-type: none"> • Handouts: <ul style="list-style-type: none"> • Frolicking Frogs • Frisky Frog Leaps • Superfrog directions and origami paper • Mathematician's Journal Think Deeply Questions #1 and #2
<p>(C) Develop strategies for comparing and ordering fractions</p> <p>Performance: 1.6, 2.1 Knowledge: (CA) 4 (MA) 3 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: DP.2.A (Gr. 5) NETS: (3-5) 8 DOK: 2</p>	<ul style="list-style-type: none"> • Assess using a teacher scoring guide: <ul style="list-style-type: none"> • Check Up #2 • Journal pages 1 and 2 • Candy Bag Capers – assessed using a scoring guide 	<ul style="list-style-type: none"> • Candy Bag Capers • Check Up #2 • Mathematician's Journal Think Deeply Questions #1 and #2

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<p>(D) Explore non-congruent pieces as equivalent parts of a whole and identify equivalent fractions for commonly used fractions</p> <p>Performance: 1.6, 2.1 Knowledge: (CA) 4 (MA) 2 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: GSR.1.C (Gr. 5) NETS: (3-5) 8 DOK: 3</p>	<p>Assess using a teacher scoring guide:</p> <ul style="list-style-type: none"> • Check Up #3 • Journal pages 1 and 2 • Assess using a scoring guide: <ul style="list-style-type: none"> • Proof Pages • News Items for Proof Copy • Javitts Gazette News Release 	<ul style="list-style-type: none"> • Proof Page for Daddy Long Legs story • Practice Proof Pages for Daddy Long Legs story • News Items for Proof Copy handout • Check Up #3 • The Javitts Gazette News Release handout • Mathematician's Journal Think Deeply Questions #1 and #2
<p>(E) Develop a variety of concrete methods and algorithms for adding proper fractions with like and unlike denominators</p> <p>Performance: 1.6, 2.1 Knowledge: (CA) 4 (MA) 1 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: NO.2.B; NO.3.B (Gr. 5) NETS: (3-5) 8 DOK: 1,2</p>	<p>Assess using a teacher scoring guide:</p> <ul style="list-style-type: none"> • Check Up #4 • Journal pages 1 and 2 • Is This One? • Make One 	<ul style="list-style-type: none"> • Is This One? handout • Make One • Check Up #4 • Mathematician's Journal Think Deeply Questions #1 and #2
<p>(F) Construct algorithms for adding and subtracting unit fractions with like and unlike denominators</p> <p>Performance: 2.1 Knowledge: (CA) 4 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: NO.2.B (Gr. 5) NETS: (3-5) 8 DOK: 2</p>	<ul style="list-style-type: none"> • Journal pages 1 and 2 – assessed using a teacher-created scoring guide • A Balancing Act – assess using a scoring guide 	<ul style="list-style-type: none"> • A Balancing Act • Shopper Cards • Mathematician's Journal Think Deeply Questions #1 and #2

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<p>(G) Use a variety of problem-solving strategies to solve fraction puzzles</p> <p>Performance: 2.1, 3.2 Knowledge: (CA) 4 (MA) 1 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: NO.3.D (Gr. 6) NETS: (3-5) 8 DOK: 3</p>	<p>Assess using a teacher scoring guide:</p> <ul style="list-style-type: none"> • Check Up #5 • Journal pages 1 and 2 • Magic Squares • Magic Triangle 	<ul style="list-style-type: none"> • Magic Squares • Magic Triangles • Mathematician’s Journal Think Deeply Questions #1 and #2
<p>(H) Develop a variety of methods and algorithms for adding and subtracting proper and improper fractions and they will compare those algorithms to common standard algorithms</p> <p>Performance: 1.6, 2.1 Knowledge: (CA) 4 (MA) 1 CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6) MAGLE: NO.2.B (Gr. 5); NO.3.B (Gr. 5) NETS: (3-5) 8 DOK: 1,2</p>	<p>Assess using a teacher scoring guide:</p> <ul style="list-style-type: none"> • Check Up #6 • Journal pages 1 and 2 • Cooking with Fractions • Post-test 	<ul style="list-style-type: none"> • Cooking with Fractions • Measuring Up • Check Up #6 • Mathematician’s Journal Think Deeply Questions #1 and #2