### Jefferson City Public Schools–Curriculum

**SUBJECT:** Elementary  
**COURSE:** EER

**STRAND:** Treasures from the Attic

<table>
<thead>
<tr>
<th>Objectives</th>
<th>Assessment/Evaluation</th>
<th>Instructional Activities</th>
</tr>
</thead>
</table>
| (A) Estimate the sizes of fractions and compare the relative sizes of fractions less than one | Assess using a teacher scoring guide:  
- Check Up #1  
- Journal pages 1 and 2 | Pre-test  
- Mathematician’s Journal Think Deeply Questions #1 and #2  
- Paper models for making fractions |
| Performance: 1.10, 2.1  
Knowledge: (CA) 4 (MA) 3,5  
CAGLE: W.2.Aa,b; W.2.Ea-f (Gr. 6)  
MAGLE: NO.1.D; DP.2.A (Gr. 5)  
NETS: (3-5) 8  
DOK: 2 | Journal pages 1 and 2 – assessed using a teacher-created scoring guide  
Scoring guide for the handouts:  
- Frolicking Frogs  
- Frisky Frog Leaps | Handouts:  
- Frolicking Frogs  
- Frisky Frog Leaps  
- Superfrog directions and origami paper  
- Mathematician’s Journal Think Deeply Questions #1 and #2 |
| (B) Identify and rename equivalent fractions and order fractions of all types including improper fractions and mixed numbers | | |
| 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 | Journal pages 1 and 2 – assessed using a teacher scoring guide  
Scoring guide for the handouts:  
- Frolicking Frogs  
- Frisky Frog Leaps | |
| (C) Develop strategies for comparing and ordering fractions | Assess using a teacher scoring guide:  
- Check Up #2  
- Journal pages 1 and 2  
- Candy Bag Capers – assessed using a scoring guide | Candy Bag Capers  
- Check Up #2  
- Mathematician’s Journal Think Deeply Questions #1 and #2 |
| Performance: 1.6, 2.1  
Knowledge: (CA) 3 (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 | | |
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| (D) Explore non-congruent pieces as equivalent parts of a whole and identify equivalent fractions for commonly used fractions                                                                                       | Assess using a teacher scoring guide:                                                                                                                   | • 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 |
| 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                                                                                           | • Check Up #3  
• Journal pages 1 and 2  
• Assess using a scoring guide:                                                                                                                        |                                                                                                                                                          |
|                                                                                                                                                                                                          | • Proof Pages  
• News Items for Proof Copy  
• Javitts Gazette News Release                                                                                                                            |                                                                                                                                                          |
| (E) Develop a variety of concrete methods and algorithms for adding proper fractions with like and unlike denominators                                                                                           | Assess using a teacher scoring guide:                                                                                                                   | • Is This One? handout  
• Make One  
• Check Up #4  
• Mathematician’s Journal Think Deeply Questions #1 and #2 |
| 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                                                                                           | • Check Up #4  
• Journal pages 1 and 2  
• Is This One?  
• Make One                                                                                                                                    |                                                                                                                                                          |
| (F) Construct algorithms for adding and subtracting unit fractions with like and unlike denominators                                                                                                          | • Journal pages 1 and 2 – assessed using a teacher-created scoring guide                                                                                 | • A Balancing Act  
• Shopper Cards  
• Mathematician’s Journal Think Deeply Questions #1 and #2 |
| 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                                                                                           | • A Balancing Act  
• Shopper Cards  
• Mathematician’s Journal Think Deeply Questions #1 and #2                                                                                     |                                                                                                                                                          |

Last Revised: 5/18/09  
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Elementary – EER – Treasures from the Attic
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| **(G)** Use a variety of problem-solving strategies to solve fraction puzzles | Assess using a teacher scoring guide:  
- Check Up #5  
- Journal pages 1 and 2  
- Magic Squares  
- Magic Triangle | • Magic Squares  
• Magic Triangles  
• Mathematician’s Journal Think Deeply Questions #1 and #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 | **(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 | Assess using a teacher scoring guide:  
- Check Up #6  
- Journal pages 1 and 2  
- Cooking with Fractions  
- Post-test | • Cooking with Fractions  
• Measuring Up  
• Check Up #6  
• Mathematician’s Journal Think Deeply Questions #1 and #2 |
| **Performance:** 2.1, 3.2 | **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 | **Performance:** 1.6, 2.1  
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 |