**Level: Gr 2**

**Category: Numeracy**

**Title of Lesson: Addition and Subtraction to 100**

**Goals/Objectives:**

Big Idea:

• computational fluency in addition and subtraction with numbers to 100 requires an understanding of place value.

Curricular Content:

• comparing and ordering of fractions with common denominators

• estimating fractions with benchmarks (e.g., zero, half, whole)

• using concrete and visual models

Curricular Competencies:

• Apply multiple strategies to solve problems

• Visualize to explore mathematical concepts

**Materials Needed:**

* Legos
* Cards/paper

**Task Instructions: (Step by Step)**

**Activity 1: Problems with fractions**

Divide a rectangle into equal parts.

What fractions can you show?  
Compare your fractions.

How can you show that two-thirds is greater than one-third?

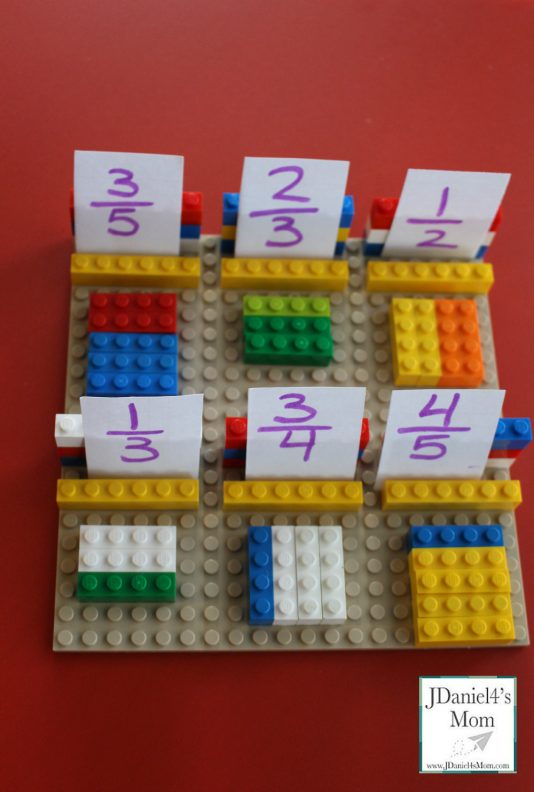
Make 2 different drawings that compare these two fractions.

Create a sentence that includes all of these words and numbers:

greater whole

**Activity 2: Fraction Fluency Practice**

**Lego Fractions**:

For this activity, make a number of cards with simple fractions (denominators 2 through 8) and varying numerators (don’t exceed the denominators, as Gr 3’s aren’t ready for mixed fractions)

The student then makes a lego version of that fraction by using different colours of lego.

**Activity 3: Open Question**

The fractions

and

are close together.

The numerator of the first is the same as the denominator of the second.

What might the numbers be?

Explain your thinking.

**Adaptations/Adjustments:**

-Look at the activities in the Grade 2 Week 2 Lessons

**Extensions (Optional):**

References:

Marian Small; <https://jdaniel4smom.com/2015/02/lego-fraction-games-kids.html>