

Tracking Mastery of Learning Targets and Goal Setting: Fractions Name: \_\_\_\_\_

**Long-term Learning Target #1: I can explain relationships between numerators and denominators.**

| Date | Beginning | Developing | Accomplished | Exemplary | Name one goal that you have and how you can make progress toward it: |
|------|-----------|------------|--------------|-----------|--|
|      |           |            |              |           |  |
|      |           |            |              |           |  |
|      |           |            |              |           |  |

**Long-term Learning Target #2: I can find equivalent (same size) fractions and use this knowledge to compare fractions.**

| Date | Beginning | Developing | Accomplished | Exemplary | Name one goal that you have and how you can make progress toward it: |
|------|-----------|------------|--------------|-----------|--|
|      |           |            |              |           |  |
|      |           |            |              |           |  |
|      |           |            |              |           |  |

**Long-term Learning Target #3: I can decompose (break apart) fractions into smaller fractions.**

| Date | Beginning | Developing | Accomplished | Exemplary | Name one goal that you have and how you can make progress toward it: |
|------|-----------|------------|--------------|-----------|--|
|      |           |            |              |           |  |
|      |           |            |              |           |  |
|      |           |            |              |           |  |

**Long-term Learning Target #4: I can add (+), subtract (-), and multiply (x) fractions and mixed numbers to solve problems.**

| Date | Beginning | Developing | Accomplished | Exemplary | Name one goal that you have and how you can make progress toward it: |
|------|-----------|------------|--------------|-----------|--|
|      |           |            |              |           |  |
|      |           |            |              |           |  |
|      |           |            |              |           |  |

**Long-term Learning Target #5: I can solve problems involving decimals (tenths and hundredths).**

| Date | Beginning | Developing | Accomplished | Exemplary | Name one goal that you have and how you can make progress toward it: |
|------|-----------|------------|--------------|-----------|--|
|      |           |            |              |           |  |
|      |           |            |              |           |  |
|      |           |            |              |           |  |

## Learning Targets: Fractions Unit 2018

### Long-term Learning Target #1: I can explain relationships between numerators and denominators.

- LT: I can identify halves, fourths, and eighths of a 4 x 6 rectangle and discuss how I know each fraction is  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ , or  $\frac{1}{8}$  of the whole rectangle.
- LT: I can find thirds, sixths, and twelfths of a 4 x 6 rectangle and discuss the relationship between thirds and sixths.
- LT: I can make a set of fraction cards that represent a variety of fractions, including mixed numbers and improper fractions.

### Long-term Learning Target #2: I can find equivalent (same size) fractions and use this knowledge to compare fractions.

- LT: I can find equivalent fractions and explain how I know they are equivalent.
- LT: I can compare pairs of fractions, using what I know about equivalent fractions and how fractions are related to  $\frac{1}{2}$  and 1.
- LT: I can compare fractions to the landmarks 0,  $\frac{1}{2}$ , 1, and 2.
- LT: I can order and compare fractions on a number line and discuss strategies for comparing fractions.

### Long-term Learning Target #3: I can decompose (break apart) fractions into smaller fractions.

- LT: I can decompose fractions and record using addition notation. I can discuss what happens to the numerator and denominator when I add fractions.

### Long-term Learning Target #4: I can add (+), subtract (-), and multiply (x) fractions and mixed numbers to solve problems.

- LT: I can solve problems that involve subtraction fractions and discuss what happens to the numerator and denominator when I subtract fractions.
- LT: I can add and subtract fractions and mixed numbers.
- LT: I can use multiple representations to solve multiplication problems that involve fractions.

### Long-term Learning Target #5: I can solve problems involving decimals (tenths and hundredths).

- LT: I can read and write tenths and hundredths and represent them as parts of a 10 x 10 square.
- LT: I can represent tenths and hundredths using decimal and fraction notation.
- LT: I can place decimals on a number line and compare decimals to fractions.
- LT: I can use representations to add tenths and hundredths by calculating running distances.