Grade: 7   **Unit Guiding Question:** How are decimals, fractions and percents used to describe numbers?
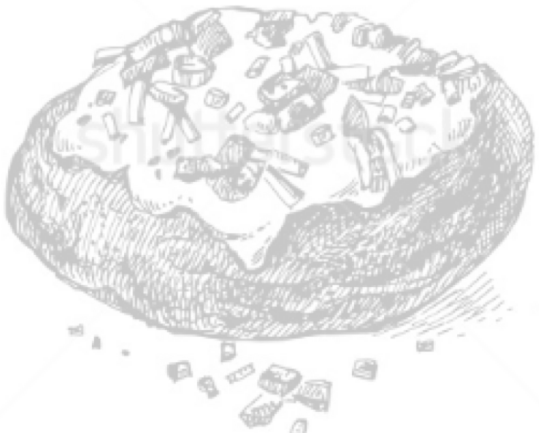
Goal:

Understand and use the relationship between fractions, decimals and percent.

Estimate with decimals, fractions and percents

Visualize to explore fraction concepts
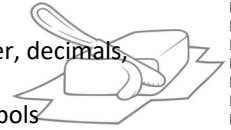
Communicate thinking

Goal for ALL (Essential)

Access
- Identify common fractions (1/2, 1/3, ¼, 1/10)
- Real life examples: time, money, estimation, cooking
- Differentiate between fractions, decimals, percents

- Name and create fractions, compare to benchmarks
- Place fractions on a number line
- Equal shares and area models
- Use concrete models, pictures and words
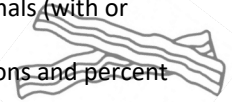- Financial literacy (with addition and subtraction)

Goal for MOST (add complexity)

- Order fractions and decimals on a number line
- Convert fractions – equivalent, mixed, improper, decimals, percent – with and without calculator
- Use concrete models, pictures, vocab and symbols
- Financial literacy with tax and sales (simple, supported)

Goal for FEW (add complexity)
- Compare and order fractions and decimals (with or without numberline)
- Relationships between decimals, fractions and percent to problem solve
- Terminating and repeating decimals
- Multi-step financial literacy (percents and totals)

Challenge
- Beginning of operations
- Ratios

Planning Pyramid Goal Template   Shelley Moore, 2018