

5<sup>th</sup> Grade

Subject- Math

Time Frame-60 Minutes

GLE or Objective

- #1 differentiate between the terms factor and multiple, and prime and composite (N-1-M)
- #2 recognize, explain, and compute equivalent fractions for common fractions (N-1-M) (N-3-M)
- #3 add and subtract fractions with common denominators and use mental math to determine whether the answer is reasonable (N-2-M)
- #5 read, explain, and write a numerical representation for positive improper fractions, mixed numbers, and decimals from a pictorial representation and vice versa (N-3-M)
- #6 select and discuss the correct operation for a given problem involving positive fractions using appropriate language, such as sum, difference, numerator, and denominator (N-4-M) (N-5-M)
- #8 use the whole number system to solve problems in real-life and other content areas (N-5-M)

Description

TLW be able to recall how to convert mixed numbers to an improper fraction and vice versa.

TLW be able to determine equivalent fractions to the fractions given.

TLW be able to work in groups to determine which fraction does not belong in a group of equivalent fractions.

Technology

TTW use power point presentation to introduce the lesson using lap top and Elmo technology.

TSW use the laptop and website to complete an online game in cooperative groups.

TLW be able to, using H.O. T. determine and use proportional reasoning when dealing with fractions the amount of item A to convert item B to the same unit.

Other Materials

Manipulatives, worksheet, whiteboard

Higher Order Thinking Skill

TTW ask guiding questions that allow the students to think of different ways to think of mixed numbers, improper fractions, and proper fractions in the same units.

Learning Strategy

Cooperative groups