

Fractions and Equivalent Fractions

“Fraction Pizza – Empty the Pan”

Objectives:

The students will construct knowledge of equivalent fractions, fraction parts, and subtracting fractional parts from a whole by playing the Fraction Pizza – Empty the Pan Game.

Materials:

Pizza Party Game (using spinner A)
2-4 Players

Directions:

1. Give each player a $\frac{1}{2}$, $\frac{1}{3}$, and $\frac{1}{6}$ pizza piece. Have the player make a whole pizza.
2. Mix the remaining pizza pieces in a pile where all players can reach.
3. Have each player take a turn at the spinner. The player who spins the largest fraction goes first. Play continues in a clock-wise direction.
4. Take turns using the spinner. Taking away from your pizza a piece that matches the fraction you spin. If you do not have a piece that matches the fraction you may exchange one or more of your pieces for pieces of equal value using the pizza pile.
5. If a player can not match the fraction that they spin, they lose a turn.
6. The first player to have no part of a pizza left is the winner.

PA Standards:

- 2.1.5.D Use models to represent fractions and decimals.
2.1.8.A Represent and use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, exponents, scientific notations, square roots).

References:

Pizza Party Games. *Empty The Pan*. Oak Lawn, IL: Ideal School Supply Company.