# Grade K-2 Games and Activities with Fractions

~prepared for Jamestown Elementary School Parent Math Academy 2016

**Fractions Coloring Challenges:** Color the fraction using set and area/region models. *Appropriate for Grades K, and 1. Good review for Grade 2.*

**Matching Fractions:** Match the fractions with their models/representations. *Appropriate for Grades K and 1. Good review for Grade 2.*

**Fraction Concentration or Memory:** Cut out the fraction models, words, and symbols. Lay all cards down in an array. Players take turns flipping over two cards to find a match. Player who ends up with most matches wins. *Appropriate for Grades K, 1, and 2. Early readers may need support with word form.*

**Edible Fractions with Graham Crackers:** based on the book "Eating Fractions" by Bruce McMillan. Uses graham crackers to illustrate wholes, halves, and quarters. *Appropriate for Grades K, 1, and 2.*

**The Hershey's Fractions Book, by Jerry Pallotta:** Head to the library and check out this book for some fun fraction activities with Hershey bars. *Appropriate for Grades K, 1, and 2.*

**Look and See:** Roll the dice and match with the picture. Tell what part (fraction) of the set is shaded grey. *Appropriate for Grades 1 and 2.*

## Fractions in the Real World

- Look for, estimate, and discuss fractions that can be found in and around your home. (Ex.: 6 of the eggs in the egg carton have been eaten. What fraction is remaining? Look at the milk (or juice) carton, what fraction of the whole is remaining? What fraction has been eaten?)

- Point out how fractions are used in recipes and cooking.

- Use fractions in measuring time, distance, and money. (Ex.: It is quarter past the hour. I have one quarter. What fraction of a dollar is that?)

**Great List of Books to read about fractions**:
https://www.goodreads.com/shelf/show/fractions

**Fractions are Everywhere**: Free interactive book on fractions.
http://www.storyjumper.com/book/index/2718812/Fractions-are-Everywhere#

## Interactive Games and Websites:

**Fraction Bowling**

http://www.hbschool.com/activity/bowling_for_fractions/bowling_fractions_new.swf

Click to color in part of a shape and then write the fraction. If correct a bowling pin appears. Ball knocks down all bowling pins at end. Shapes are divided into up to 12 parts.

**Fractions Splat**

http://www.sheppardsoftware.com/mathgames/earlymath/fractions_shoot.htm

Decide whether shapes are divided into equal or unequal parts.

**Cross the River**

http://www.hbschool.com/activity/cross_the_river/cross_the_river.swf

Given a fraction (parts of a whole), select the correct fraction so that the boy can cross the river.

**Fraction Flags**

http://www.oswego.org/ocsd-web/games/fractionflags/fractionflags.html

Create colorful flags by coloring the fractional part.