

reflecting reasoning communicate  
**Math @ Home** connect  
selecting tools and computational strategies problem solve represent

## Fractions

While whole numbers represent quantities of whole units, fractions signify parts of whole units or parts of sets. Although fractions are all around us, learning about fractions may be challenging for some children. Identifying fractions in our environment makes them meaningful and easier to visualize.

### Web Resources:

CLIPS (Critical Learning Instructional Paths Supports)

<http://oame.on.ca/CLIPS/>

## Developing Mindsets that Promote Growth

What do we mean by "growth mindset"?

Mindsets change is not about picking up a few pointers here and there. It's about seeing things in a new way... changing from a "judge and be-judged" framework to a "learn-and-help learn" framework.

– Carol S. Dweck

### Tips for Fostering a Growth Mindset:

#### Tip # 7. Provide Honest, Constructive Criticism That Emphasizes Growth

- Work with your child to identify strategies for improvement.
- Use phrases like: "Let me add new information to help you solve this..." or "What parts were difficult for you? Let's look at them."

## Family Math Activity K - 3:

### Big Idea

A fraction shows the relationship between a part and a whole.

- With your child, gather several similarly shaped objects, such as a piece of paper, a towel, a placemat, a picture frame, a magazine and a book.
  - Ask your child to show you one half of each object, perhaps by using a ruler to mark the halfway point. This is an opportunity for your child to see that fractional portions must be of equal size.
- Extension:* Ask your child to show you one fourth of each object.

### Family Math Activity 4-6:

- ❖ Ask what real-life situations might these fractions describe:  
Two fifths  $\frac{2}{5}$ , Three sixths  $\frac{3}{6}$ , Five eighths  $\frac{5}{8}$   
(e.g. Five eggs have been eaten from the dozen. This represents  $\frac{5}{12}$  of the set. Can your child describe the fraction of eggs eaten ( $\frac{5}{12}$ ) and the remaining eggs ( $\frac{7}{12}$ )?)

## Grades 7 & 8: Continuing the Conversation about Financial Literacy!

### Explore Career Possibilities

Talk to your child about:

- What two things do you enjoy most in life?
  - What career possibilities are there in these two areas?
- What are you best at in terms of your own abilities?
  - Are there career possibilities that fit with these talents?

**All intermediate students have access to *My Blueprint* (Career Pathways Planning):**

- Have your child go online and share his/her profile with you.

<http://www.myblueprint.ca/>