

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

Geometry

Becoming familiar with shapes and spatial relationships in their environment will help children grasp the principles of geometry in later grades.

Web Resource: (all grades)
National Library of Virtual Manipulatives
<http://nlvm.usu.edu/>

Developing Mindsets that Promote Growth



What do we mean by "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 # 6. Use Failures as an Opportunity for Reflection and Growth

- Ask: "What can you learn from this experience? What could you try differently next time?"
- The power of "yet" (e.g. When you think you can't do it, remind yourself that you can't do it YET."

Family Math Activity K - 3:

Big Ideas:

Shapes of different dimensions and their properties can be described mathematically.

- Use shape stickers to have them make a shape picture. Try to use as many different shapes as you can. Describe your picture and the shapes in it. Ask why they used those shapes.

Family Math Activities 4-6: Symmetry

- ❖ With your child, identify all the symmetrical capital letters. Have your child sort the capital letters according to the number of lines of symmetry they have.
- ❖ Go on a symmetry hunt. With your child, find shapes, objects, patterns and designs around your home that have lines of symmetry. (e.g. Look at wallpaper, floor tiles, pictures and designs on packaging)

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

Let's discuss how "**Advertising**" affects our money decisions...

Which of the following advertising techniques do you think is the most effective at influencing your child's opinion of a product or service? Do they agree?

1. **Economic Appeal** – this type of ad presents the "great deal" (e.g. unlimited texting after 6pm). Read the fine print.
2. **Comfort and Enjoyment** – attempts to present a product in relation to something that, although enjoyable, is largely unrelated to the product/service. The purpose of the ad may simply have been to get your attention.
3. **Scare Technique** – the ads portray awful consequences. (e.g. smoking ads highlighting illness, acne creams before and after photos)