

March 1, 2018

Math Collaborative Newsletter

DEAR FAMILIES,

In February we had a wonderful parent turnout at our first ever *Coffee and Conversations* meeting! Thank you for spending your morning with us and discussing ways to share math with your children.

Conversations with Ms. Sandra and Ms. Cassandra were focused on the big ideas of shapes. And we played a few games which we will be highlighting in our upcoming Family Math Night on Monday, March 12th.

What should my children know about shapes?

- o Shapes can be combined and separated (composed and decomposed) to make new shapes.
- o The flat faces of solid (3-dimensional) shapes are two dimensional shapes.
- o Shapes can be defined and classified by their attributes.



Why Learning about Shapes is Important:

Children learn precise mathematical language that helps them associate shapes with specific characteristics.

Children learn about patterns and parts of a whole.

Shapes are foundational for future mathematics like algebra, geometry, trigonometry, and calculus!

Family Math Night

Monday, March 12

4:00 – 5:00 pm

Resources:

Many parents asked about resources to share with their children. Check these out!

Sesame Street resources and activities:

https://cdn.sesamestreet.org/sites/default/files/media_folders/Media%20Root/PNC_Math_EduGuide_FINAL.pdf

NAEYC resources and activities:

<https://www.naeyc.org/resources/pubs/tyc/apr2014/discovering-shapes-ad-space-preschool>

Games and activities to download from Confessions of a Homeschooler:

<http://www.confessionsofahomeschooler.com/blog/2012/03/preschool-pattern-block-activities.html>

Pattern Blocks to do the activity:

[https://www.amazon.com/Learning-Resources-Brights-Pattern-Blocks/dp/B00S2XPJQ2/ref=sr_1_6?ie=UTF8&qid=1520945725&sr=8-6&keywords=pattern+blocks.](https://www.amazon.com/Learning-Resources-Brights-Pattern-Blocks/dp/B00S2XPJQ2/ref=sr_1_6?ie=UTF8&qid=1520945725&sr=8-6&keywords=pattern+blocks)