

Math Connections for Parents

Grade K Module 6
Analyzing, Comparing and Composing Shapes

Welcome to Kindergarten Module 6 – the last math module of Kindergarten! In this final module, students will work with two and three-dimensional shapes again. Beyond telling the names and attributes, students will now be drawing and modeling these shapes. They will build three-dimensional models with clay and straws, and will use more than one shape to make a different shape.

Important Words and Concepts

- Ordinal numbers: first, second, third, fourth, fifth, sixth, seventh, eighth, ninth, tenth
- Position words (above, below, beside, in front of, next to, behind)
- Face: two-dimensional side of a solid
- Solid: three-dimensional shape
- Flat: two-dimensional shape
- Two-dimensional shapes (circle, rectangle, triangle, square, hexagon)
- Three-dimensional shapes (cube, cylinder, cone, sphere)

Add and Subtract to 5

Students in Kindergarten have worked towards memorizing the addition and subtraction facts 0-5 by the end of the year. Work with your child to develop automatic recall of addition and subtraction facts 0-5, by counting. If your child is ready, begin working on the facts up to 10. Have a strong understanding of these facts will prepare them for First Grade Math.

KEY STANDARDS

- Understand the relationship between numbers. Count numbers in order (*first through tenth*)
- Model shapes found in the world by building shapes or drawing shapes
- Use simple shapes to make larger shapes – for examples, “Can you take these two triangles and put them together to make a rectangle?”

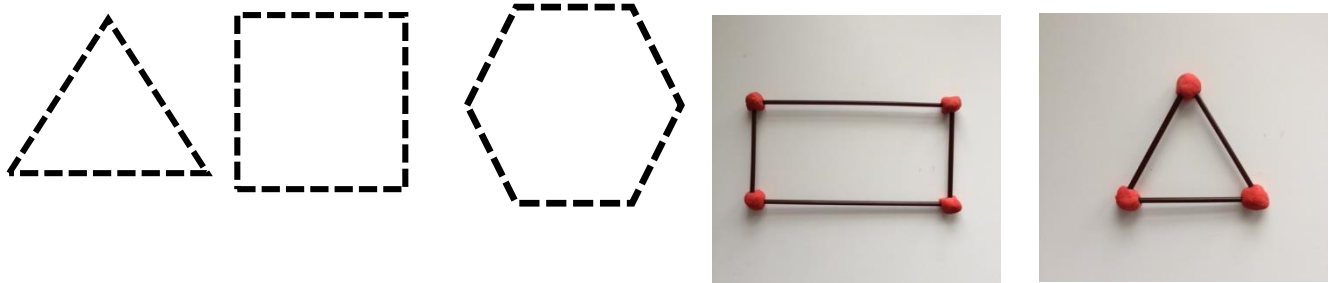
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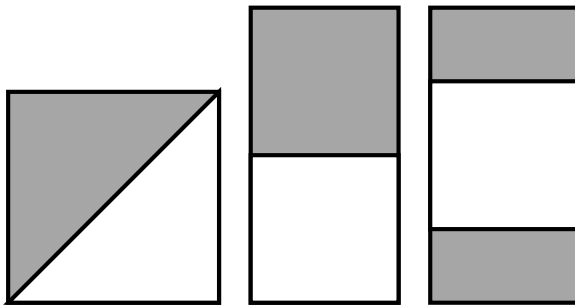
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Graphics and Strategies you will see...

Students will use a ruler to trace and draw various shapes, and will then move to drawing their own shapes, and making them with clay and straws.



Students will use simple shapes to make larger shapes like these:



To practice cardinal numbers, students will be asked to do certain tasks:

Circle the 2nd truck from the stop sign. Draw a square around the 5th truck. Draw an X on the 9th truck.

