

Creating 2D Shapes – Elastic Strips

Material: elastic strips, yarn or strips of stretchy materials, or string

- Groups of two or three
 - Work together to create a triangle
 - What did you have to think about?
 - How many sides? How many angles?
 - Compare your triangle with another group's triangle.
 - How are they alike? How are they different?
 - Create a triangle with one square corner?
 - Create a triangle with two square corners?
 - Create a triangle with only two sides of equal length
 - Create a triangle with all sides of equal length
 - Can you change your triangle to make a different triangle?
 - What attribute(s) did you change?
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- Groups of threes
 - Work together to create a square.
 - What did you have to think about?
 - How many corners will a square need?
 - Is there any part of making a square that is difficult?
 - Can you find any group with a square that is made exactly the same as your square?
 - How many sides does your square have?
 - What is true about the sides of a square?
 - How many angles does your square have?
 - Describe the angles in your square?
 - Can you make one change in your square and still have a square? Explain.

