

# Patterns and Relationships Everywhere

## Triangle Patterns

In this investigation you and your child will explore and create shape patterns.

### What's the BIG Idea?

Making and describing simple patterns

Predicting what will come next in a simple pattern

### What's Needed

Colored paper of different colors, scissors, glue

### How to Do It

1. Begin by talking together about patterns. Encourage your child to look around your home for patterns. (Remember to look for patterns on each other's clothing.)
2. Cut colored paper into triangles and give your child nine triangles, three each of different colors. (Older children may cut the triangles themselves by folding and cutting square pieces of paper.)
3. Working together, arrange and paste the triangles in different patterns on a piece of paper.
4. Encourage your child to describe the patterns you are making together. How many different patterns can you make with these same triangles?

*How do you like my built-in trumpet? Isn't it a beauty?  
It comes in handy when visitors get too close for comfort.  
I like to give them two short blasts, and then one very  
long one. Parp-parp-paaaarrp! Parp-parp-paaaarrp!*

*But they always manage to find me again, by following  
the **pattern** of the tracks I leave behind: left, left, right  
right. Have you noticed that they're deeper by the muddy  
waterhole than on the grassy plain?*

