

Kaleidoscope

Goal: To get kids thinking about patterns and how they look in a mirrored space. This could be a great activity to help kids visualize how patterns are made and how designs are able to look like fractals.

Materials -

- Toilet paper rolls
- Pipecleaners
- Markers
- Mylar sheet
- Tape
- Construction paper

Procedure -

1. Decorate the outside of the toilet paper roll
2. Cut the mylar sheets into 3 pieces of equal size. Approx. 9.7cm x 3.5 cm
3. Lay out the three strips of mylar you just cut, and apply tape to create a triangular prism
4. Place the mylar triangle into the toilet paper roll
5. Cut a 8cm long pipe cleaner and attach it to the end of the roll with tape.
6. Cut the circles out of the cardstock paper and poke a small hole (large enough for the pipe cleaner to fit nicely, not too loose !)
7. Let the students decorate the cardstock, encourage them to draw patterns.
8. Assemble the kaleidoscope

☆ Tips: There is a free template for the circles, [click here](#) to print them

Image(s) -

