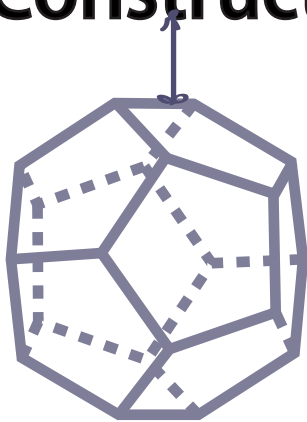


# Constructing a Geometric Solid Ornament



## What you'll need:

- Coffee stirrers
- Beads
- Pipe cleaners, cut to be 1 inch longer than the stirrers

1

Choose a geometric solid.

How many segments does your solid have?

You will need that many coffee stirrers and pipe cleaners.



2

Place your pipe cleaners inside the coffee stirrers. See the image to the left.

Start decorating your straws with beads. How about a Fibonacci pattern?

(It may help to bend the pipe cleaner to keep your beads from falling off.)

3

Now it's time to put everything together!

Twist the ties at the vertices to complete your geometric ornament.

Need help?

Search for:

- Geometric Solid Tool
- Geometric Solids and Their Properties (Grades 3–5)
- ... on [illuminations.nctm.org](http://illuminations.nctm.org)

