

What will you make today?

Paper Toys : Flextangle

A flextangle, invented in 1939 by Arthur Stone, is a paper toy that incorporates math and art.

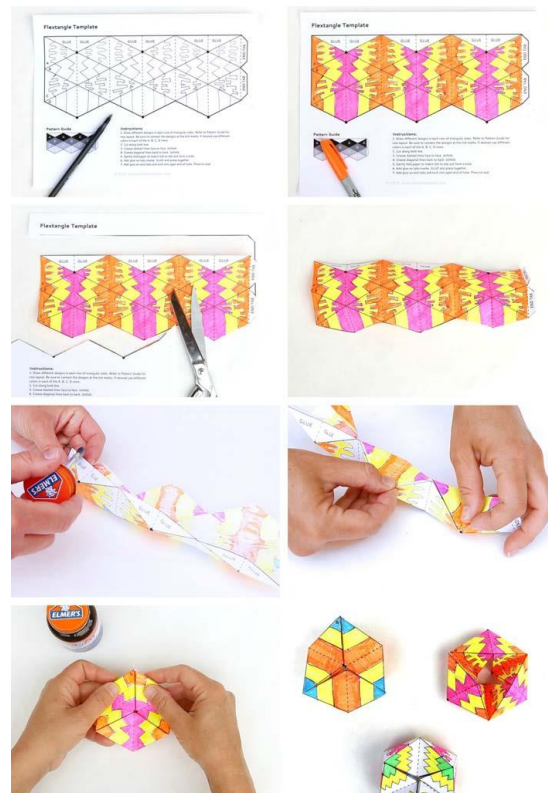
An even number of tetrahedra connect on opposite edges and connect to form a loop. It can then be “flexed” to reveal other sides.

Supplies:

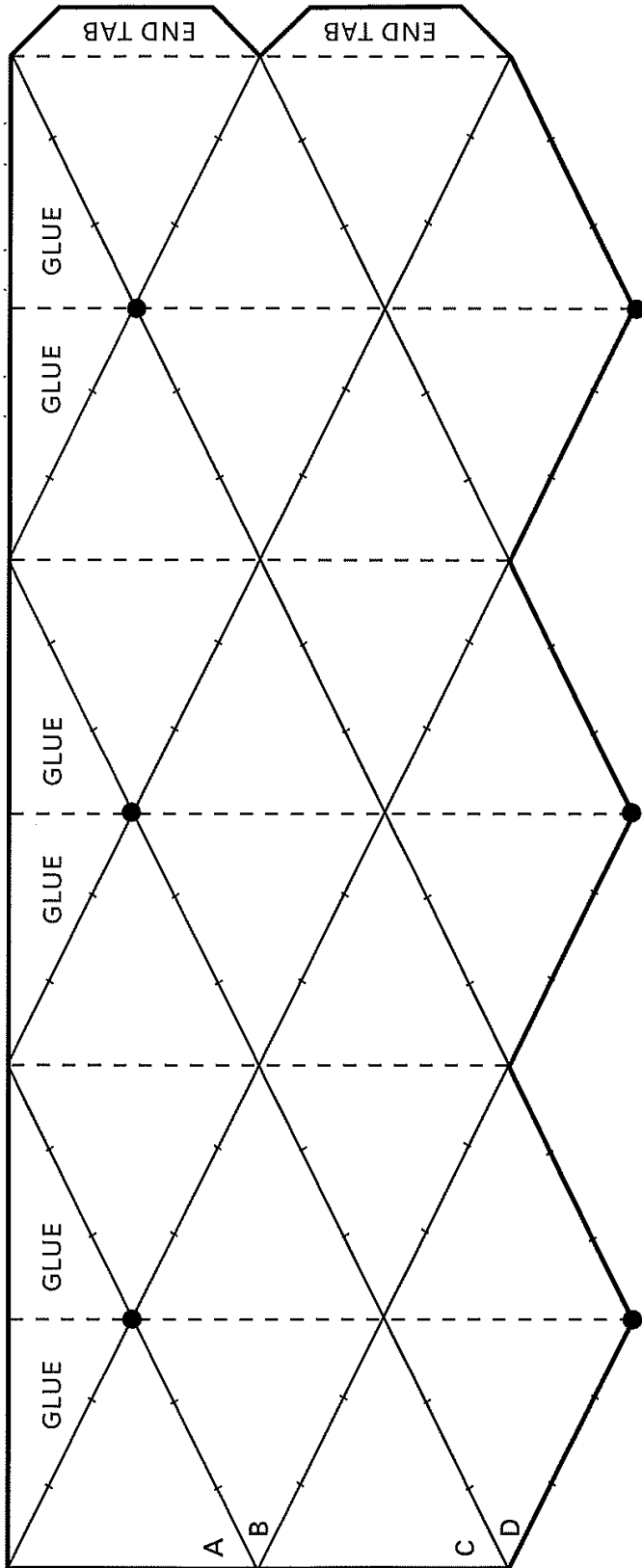
Paper or template
Markers, crayons, pens, and/or pencils
Glue or tape
Scissors

Process:

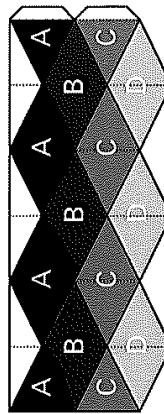
- *Color each row with a unique pattern or color scheme (ask a WOW! Pal for help if you need it!)
- *Cut along perimeter
- *Fold according to directions on template
- *Glue according to directions on template
- *Enjoy!



Flexangle Template



Pattern Guide



Instructions:

1. Draw different designs in each row of triangular sides. Refer to Pattern Guide for row layout. Be sure to connect the designs at the tick marks.
2. Cut along bold line.
3. Crease dashed lines face to face. Unfold.
4. Crease diagonal lines back to back. Unfold.
5. Gently fold paper to match dot to dot and form a tube.
6. Add glue on tabs marked GLUE and press together.
7. Add glue on end tabs and tuck into open end of tube. Press to seal.

