Three Dimensional Thinking

Place student art here, must have permission.
Two Dimensional and Three Dimensional Thinking

Paper is flat. It has length and width. This paper shape is a circle. It is a two-dimensional shape.

This ball is a form. It is not flat. It has length and width, and it also has depth. It is a three-dimensional form.

In this activity we will work with paper to create a 3D form.
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Materials

For this activity, you will need:

3 sheets of white paper and some drawing materials like a pencil or a marker.
How can I change my paper into a 3D form?

Tear two sheets of paper into 6 or 8 long rectangles.
3D Thinking: Stacking with a 3D Form

Twist

Fold your torn paper rectangle on the vertical and twist it.

Twist the paper tight from both ends.

Twist all your 2D paper rectangles into 3D forms.
Stack

Stack and balance your 3D twisted paper forms as high as you can to make a sculpture.
Let’s draw your sculpture!

Take a good look at your stacked 3D arrangement.

It can be seen from different views.

What view are you going to draw it from?

Photos by Karina Cavat