

THAUMATROPE



Materials:

Copy paper

Pencil

Markers

Scissors

Tape

Optional

Materials:

String

Hole punch

Lid

Instructions:

- To make a thaumatrope, take a small piece of paper and fold it in half. Trace a circle on both sides of the paper.
- In the bottom half of one of the circles, draw a wooden basket.
- Outline the basket with a black marker, and color in the rest with a brown marker.
- Flip the paper over and draw a group of apples. Make sure to draw them so the bottom of the apples are where the top of the basket is on the other circle.
- To draw an apple, draw a circle with a small vertical line near the top of the circle as the stem. Draw a small semi-circle below the stem to mark the indent at the top of the apple.
- Color the apples in with red, yellow, and green markers.
- Cut the circles out.
- Tape the two circles on either side of a pencil.
- Another option is to tape the circles together and use a hole punch to create two holes on both sides of the circle and tie strings in the holes.
- Roll the pencil between your palms to flip the circles back and forth. If you used string, twirl the circles by the string.
- Soon it will appear as though the apples are in the basket due to an optical illusion called persistence of vision.
- Now you have a thaumatrope.

