

# CRAFT KITS FROM THE PROVIDENCE ATHENÆUM'S CHILDREN'S LIBRARY TOPSY-TURVY THAUMATROPE!

*A thaumatrope is a spinning toy enjoyed by children for about 200 years! This early form of animated art is a disc with an image on each side. Strings are attached to the disc and when you spin the strings between your fingers, the disc spins and the images blend to create the illusion of one picture.*



## Supplies in kit

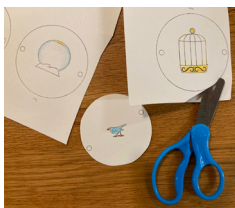
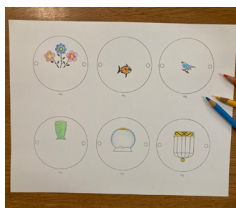
- 1 thaumatrope template with illustrated discs
- 1 template of blank discs for your own designs
- 6 pieces of string

## What you'll need from home

- color markers, crayons, or pencils
- liquid school glue or glue stick
- string for your own designed thaumatropes
- hole puncher

## Directions

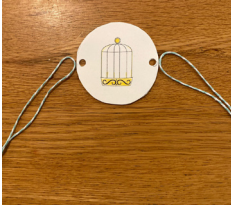
1. Color the images on the template, and cut them out.



2. Glue the two disks together so the back image is upside down from the front image. Punch holes on either side.



3. Attach the strings looping them through the punched holes as pictured.



4. Now take one string in each hand, and twist it between your fingers until the disc begins to spin. When you look at the disc as it spins, there is an optical illusion that shows the two images combined into one!

## **BOOK RECOMMENDATIONS**

*Changes* by Anthony Browne

*Optical Illusions in Art* by Alexander Sturges

*Opt: An Illusionary Tale* by Arlene Baum

*The Optical Illusion Book* by Seymore Simon

*How to Really Fool Yourself: Illusions for All Your Senses*  
by Vicki Cobb



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