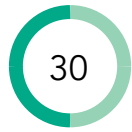


Color Mixing Thaumatrope



minutes



difficulty

Tools & Materials:

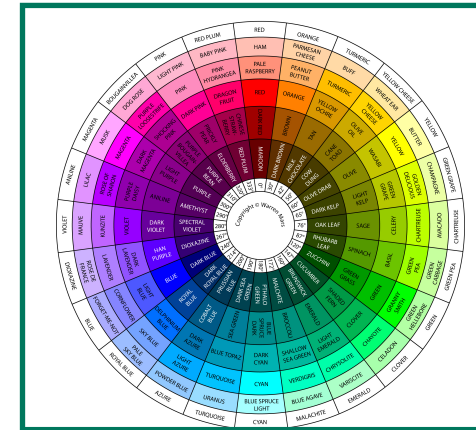
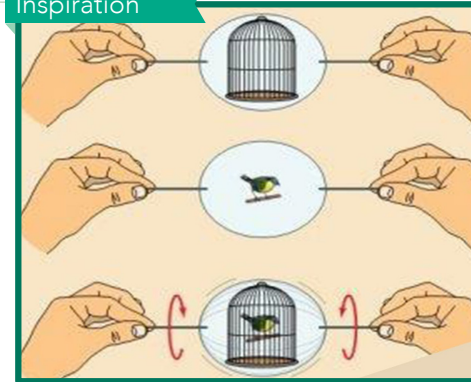


- 2 pieces of string
- colored pencils or makers
- a circular object for tracing
- thick (craft) paper
- hole punch (pencil will also work)
- scissors

Instructions:

Learn the basics of animation and color mixing by making your own Thaumatrope at home! Experiment with color themes, gradients and blending to prove the concept that when the brain sees two images in quick succession, it will blend the images together! This concept was the foundation of making motion pictures. Test it and see it for yourself!

Inspiration

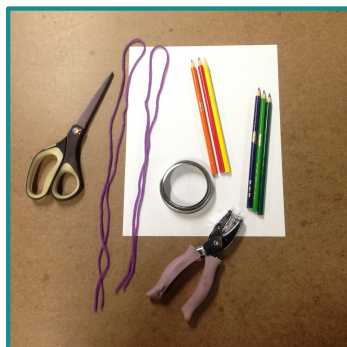


Final Product

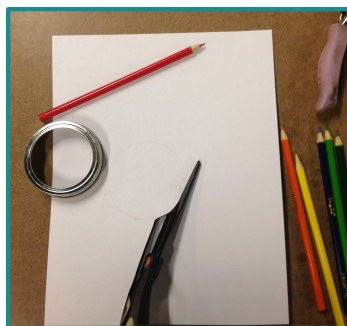


Directions:

1. Gather your materials and plan your color theme. Use thicker paper if you can!



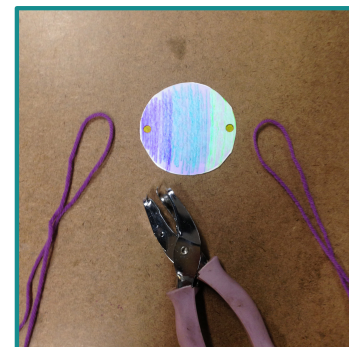
2. Grab your circular object and trace, this project works best with a perfectly symmetrical shape. Cut your circle out.



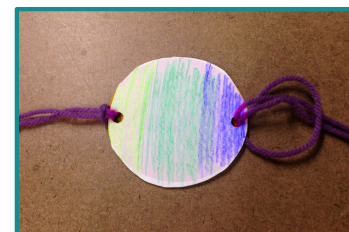
3. Color both sides of your paper circle. These sides can be either a solid color or a gradient (a color range). Keep in mind how these colors will blend!



4. Use your hole punch (or sharpened pencil) to poke two holes on opposite sides of your paper circle.



5. Tie one string through each hole on your circle, a simple cow hitch knot works great!



6. To use your finished Thaumatrope, hold the end of each string in either hand, spin or twirl the paper (like a jump rope in midair), then pull on your string to spin. See how your colors blend! You can repeat the process with different colors and keep experimenting.

