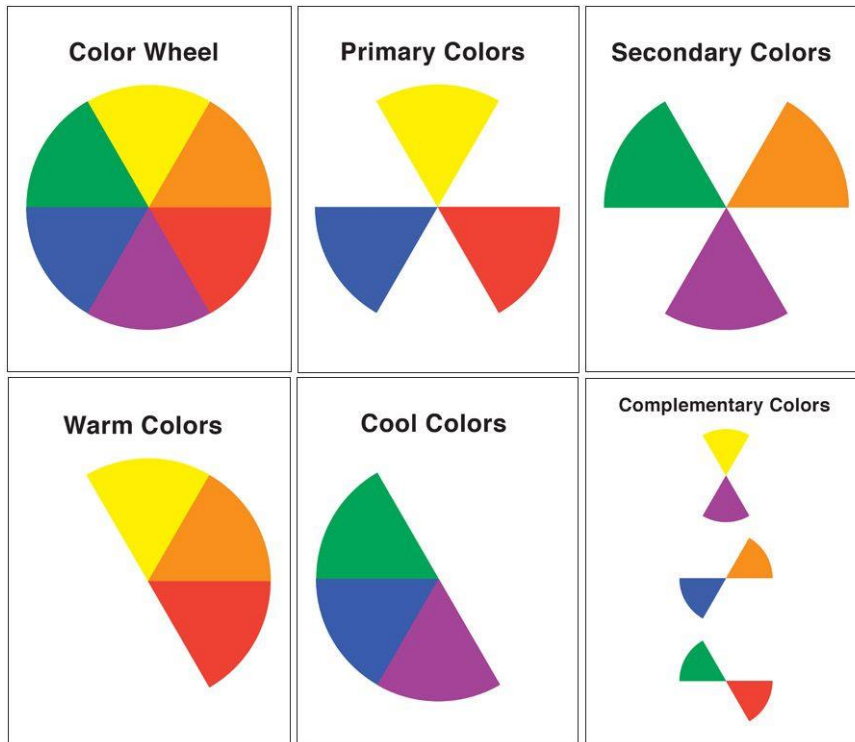


Colour theory



This is one way to mix colours. It is called the colour wheel method.

Primary colours are the main colours you have to have. These are **Red**, **Blue** and **Yellow**.

If you mix 2 primary colours together, you get a **Secondary** colour. The secondary colours are

Orange (**red** and **yellow**)

Green (**blue** and **yellow**)

Purple (**red** and **blue**)

Warm colours are colours on one side of the colour wheel. They are red, orange and yellow. They make you think of fire or a sunset

Cool colours are on the other side of the colour wheel. They are green, blue and violet (purple). They make you think of the ocean or cool water.

Complementary colours are colours that are **opposite** each other on the colour wheel. These are

Yellow and **purple**

Orange and **blue**

Red and **green**

If you mix two complementary colours together, you eventually get a shade of **brown**

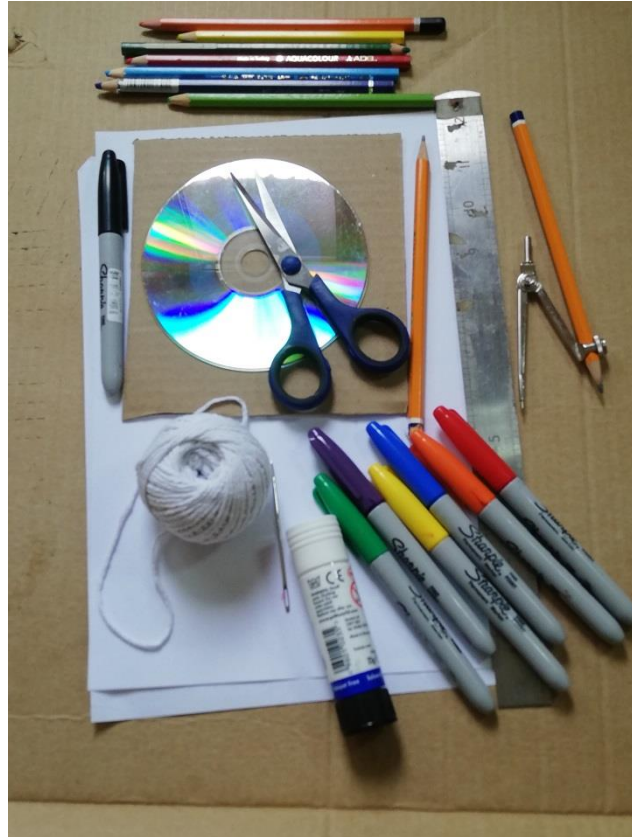
How to make a Spinner Wheel

Materials:

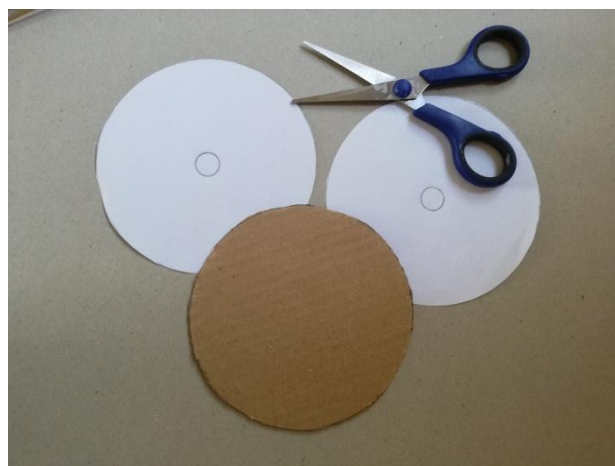
- Cardboard
- Paper
- String/Twine
- A big sewing needle
- Scissors
- Stuff to colour with, like markers or colouring pencils
- A CD or DVD
- A pencil for drawing
- Glue stick
- A ruler

Extra:

- A Compass - If you want to draw perfect circles
- If you don't have a big needle use a cocktail stick and celotape



1. Place your CD onto the cardboard. Trace around it with pencil. Cut it out. This may be a little difficult if your card is thick, so get help if you need it.



2. Place your CD onto paper. Trace around it with pencil 2 times so you have 2 circles. Also trace the inside opening. Cut them out.

3. Decorate and colour in your paper circles:

Suggestions: Divide your circle into 8 equal sections. Pick 2 Primary colours. Colour each wedge of the circle, alternating your colours for each wedge (like red-yellow-red-yellow...)

Divide your circle into 7 or 8 equal sections. Colour 7 of your wedges the colour of the rainbow (red, yellow, orange, green, blue, indigo and violet. Leave the last wedge white if you have 8 sections). Divide your circle into 6 sections/wedges. Colour each wedge a different colour of the colour wheel (red, orange, yellow, green, blue and purple)

Try colouring using warm colours or try colouring using cool colours.

Free-style it! Try different patterns and drawings on your paper circles.

Make sure you can still see the inner little circle!



4. Glue your paper discs to either side of the cardboard.

5. Using a needle or another sharp pointy thing, make a hole on the edge of your inside circle. Then poke a 2nd hole opposite the 1st one on the inside circle. BE CAREFUL YOU DON'T POKE YOURSELF! GET HELP IF YOU NEED IT!



6. Cut a piece of twine, around 90cm (35inches). Thread this onto your big needle. If you don't have a big needle, try tightly taping the end of your twine onto a cocktail stick and pull through one hole and back through the other.
7. Tie the ends of your string together.



8. Make sure you have equal amounts of string on either side of your circle
9. Spin the circle a few times until the twine is all twisted up
10. Pull the strings tight, and when it looks like the circle is about to stop spinning, let the string slacken a little bit. The string will twist itself up again. The pull the string tight again and keep repeating to keep your circle spinning.
11. See how the colours change when you the circle is spinning. This is colour mixing!



If your twine is too long and too difficult to control, tie another knot further down the twine and try again. Have fun! =)