

Colour Wheel

Level: 6-12 years

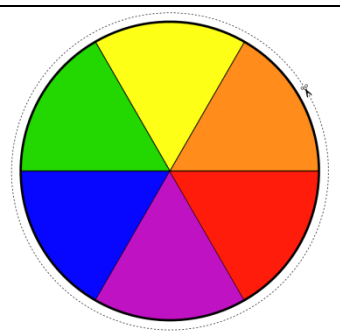
Time: 30 minutes

Grouping: Individuals and/or pairs.

Materials: A4 paper, pen, scissors, ruler, coloured markers, A4 cardboard, glue.

Vocabulary: The colours (red, orange, yellow, green, blue, purple) diameter, arc section

Learning objectives: To arrange six rainbow colours in order. To understand that the rainbow colours to white.



Activity

1. Trace a circle on a piece of paper and cut it out. You can use a pre-drawn template.
2. Divide the circle into six equal sections (already done if using the template). See the notes if not using the template.
3. Colour each arc section as shown.
4. Cut a cardboard back the same size as the wheel and glue together (you can trim if needed).
5. Make a hole in the centre with a pen. Make sure the hole is slightly bigger than the pen.
6. Spin the colour wheel with the pen in the hole.

Assessment

What happens as the wheel spins faster?

What is meant by complimentary colours?

How many degrees are there in each arc circle if a circle has 360 degrees?

How many colours are there?

Notes:

To construct your own 6-section circle, use a 10 cm diameter circle. Mark a diameter at 3 and 8 cm and at the top and bottom of the circle. Connect the lines. It can be a bit testy to mark the 6 wedges exactly, so a template is simpler.