



Playing with Light and Colour

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- Name 3 light sources.

- How can we see objects that don't give out light?

- Sketch a diagram of how light reflection enables you to read this.

- Explain the difference between regular and diffuse reflections (include diagrams). _____

- How do we see the difference between smooth and rough surfaces?

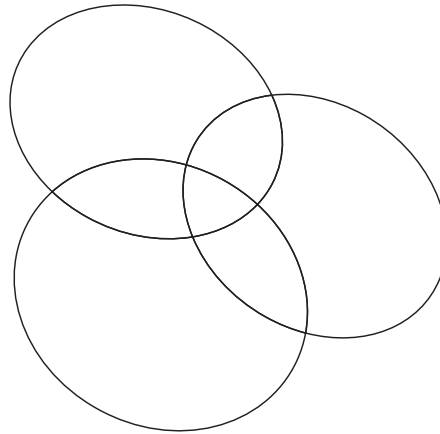
- What are the component colours that make up white light?



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- Show by colouring in the circles below how the primary colours of light interact to produce magenta, cyan and yellow.



- Draw a diagram to show how the components of white light are reflected or absorbed by a yellow object.

- If a chemical in a temporary hair dye reflects red and blue light, but not green light, what colour is the dye?

- How does nail varnish work to make nails appear shiny?

- What do scientists add to foundation to give it a light diffusing effect?
