



Name Date



Can you see colours in dim light? Let's investigate!

In each of your eyes you have cells called rods and cones. Rods help you to see in dim light. Cones help you to see colours.

Gather your equipment:



A black marker pen



6 pieces of coloured paper

A watch or phone for timing your investigation

1. Close the curtains or blinds in a room. Turn off or lower the lights so the room is very, very dim and you can only just see.
2. Wait for about five minutes to allow your eyes to get used to the dim light.
3. Next look at the five pieces of paper.

**Can you tell what colour each piece is?
Write your guesses on the pieces of paper.**

4. Now turn on the lights.

Did you get the colours right? If not, why do you think this is?

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