



Name: ..... Form: .....

Based on pages 16 and 17 of *How we see things*

# Investigating the eye

Try this...

1. Find a friend to work with you in steps 2 to 7.
2. Cover your eyes with your hands. Ask your friend to time you for one minute.
3. As your friend is timing you, ask him or her to be ready firstly to shine a torch past your face, and secondly to watch your eyes when you open them.
4. After one minute, remove your hands, open your eyes and look past the torch but not at the light. While you are doing this your friend should be looking for any change in your eyes.

5. What did your friend see?



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6. Repeat steps 2 to 5 but, this time, let your friend cover his or her eyes and you use the torch, keep the time and watch for a change in your friend's eyes after a minute.

7. How did your friend's eyes change when they were opened?



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8. Hold this sheet about 30 centimetres from your face.

9. Look at the two circles, then close your left eye.



10. Look only at the circle on the left.

11. Very slowly bring the sheet of paper towards your face. Do not take your eye off the circle on the left.

12. After you have moved the paper a few centimetres you should be aware of a change. What is this change?



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