

2 Create a pair of decoder glasses

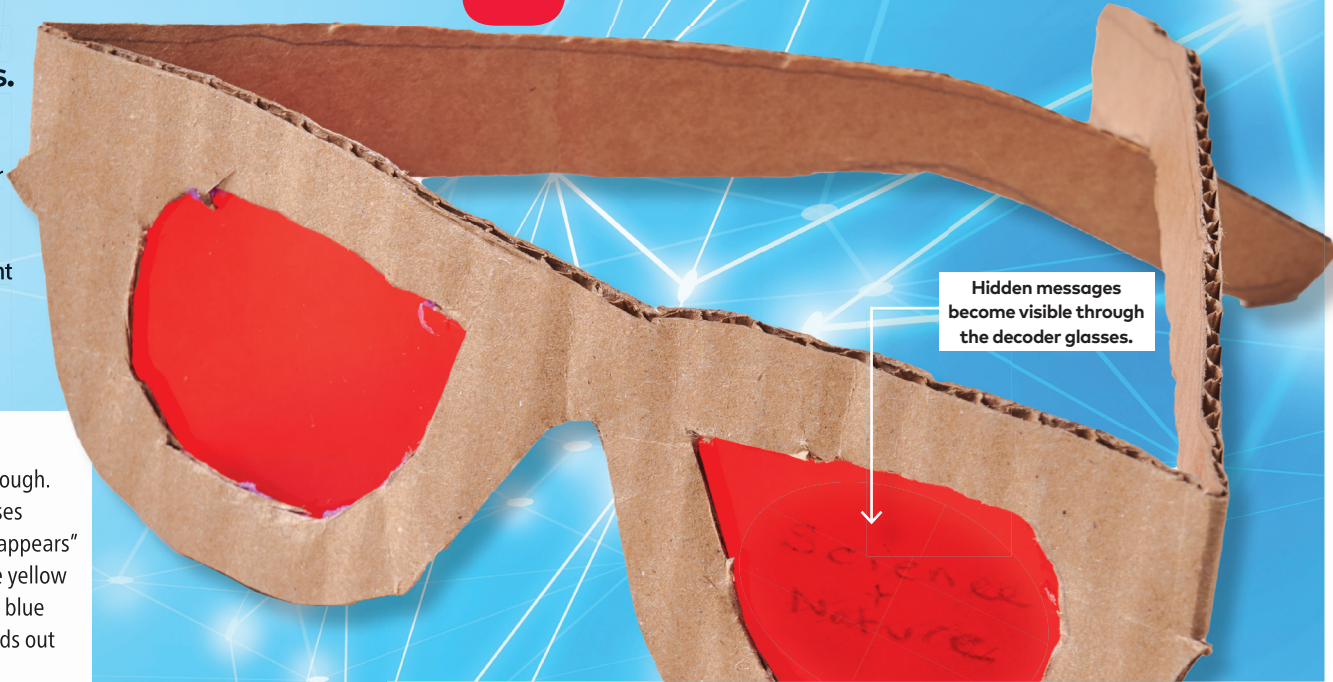
Make spy specs that read secret messages.

What you need

- Pencil
- Cardboard
- Scissors
- Red acetate sheet
- Black pen
- Glue stick
- White paper
- Sharpened blue crayon
- Red ballpoint pen
- Yellow highlighter

How does it work?

Red acetate only allows red light through. When you put on your decoder glasses everything that is written in red “disappears” against the red background, and the yellow becomes hard to read. However, the blue colour becomes really dark and stands out clearly against the other colours.



1 Draw the outline of a pair of glasses onto a long piece of cardboard and carefully cut it out. Experiment with the shape to create a funky design.



2 Now place the glasses onto the red acetate sheet. Trace out the shape of the lenses with the black pen.



3 Cut out two lenses for your glasses – you’ll need to make them slightly larger than the shapes you traced in the last step. Glue them in place on the inside of your cardboard glasses.



4 Write a secret message using the blue crayon. Then draw crosshatching over the top with the red pen. Then scribble over everything using the yellow highlighter. The message should be invisible until you put on the glasses.

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