



Secret Message



Can you write a secret message that is only visible when you look through a coloured filter?

Choose a coloured filter and try looking at different colours of pens or pencils through it. Choose the colour that looks blackest through your filter, and use this to write your secret message. Then choose colours that look light or disappear when you look at them through the filter, and use these to draw a pattern around and over your message, hiding it from view. Your partner should be able to decode the message by looking at it through your filter.

Ask your partner to decode the message and complete this sentence:

The secret message says _____.

How does the red filter make your message easy to read? Explain your ideas by filling in the gaps below.

The _____ writing in my message reflects _____. When I look at it through a _____ filter, _____.

The _____ patterns over and around my message make it hard to read in normal light, but the patterns reflect _____. When my partner looks at them through the _____ filter, _____.

This is how my partner can read the message by looking through the red filter.