

I can investigate coloured light.

Investigating Coloured Filters

Work together in your group and discuss your findings

You will need:

Rectangles of different coloured acetate sheets (light filters)



1. Hold up some coloured acetate to your eyes and look through it.
2. Try looking through a red piece over each eye? What do you notice?
3. Now do the same with 2 green pieces, 2 blues and any other colours you have.
4. Now try putting a different colour over each eye. Look around you at light and dark objects. Shut one eye then the other. Now use both eyes again. What do you notice?
5. Try different 2 colour combinations
6. What happens if you put 2 different acetate colours over the top of one another and look through them?
7. Try different colour combinations
8. What if you try to look through 3 or 4 colours together?

If you have time, write some of your group's observations and discoveries on the back of the sheet