



4I).

Mixing coloured lights and inks.

Find out the differences between mixing coloured lights and mixing coloured inks

YOU HAVE:

Six coloured filters.
A white light source,
A tri colour torch.
White paper and crayons.
A white card

SAFETY:

No real safety issues.
Do not stare at the light sources as they may desensitise your eyes.
Report any incidents to a leader.

POSSIBLE QUESTIONS TO ANSWER:

- 1). What different colours can be made with the tri colour torch?
- 2). What different colours can be made with the different filters while looking at a white light source or white card?
- 3). What general rules can be made about mixing coloured lights?
- 4). What general rules can be made about mixing coloured inks?

REPORT.

Prepare to describe to the group:-
the experiments that you did,
what you have discovered,
any general conclusions.

Your report should take 3-4 minutes.

You should be prepared to answer questions from the group.