

## Mixing colours experiment

**Aim:** to investigate the addition of coloured light

**Equipment:**

- Hodson Light box kit
- Power pack

**Method:**

Using the different filters provided, shine different colours onto white paper to see what colours you can make by adding colours.

**Results:**

1. Using two primary colour filters at a time, blocking off the third position, observe the region where the coloured beams overlap.

first colour	second colour	resulting colour

2. Add all three primary colours together. What colour is observed