Mixing colours

**Year 5**

|  |
| --- |
| Describe, use coloured pencils/crayons, or use the paint itself, to represent what colours are created when you mix different combinations of red, green and blue paint. |
| Red + Blue | Red + Green |
| Green + Blue | Red + Blue + Green |
| Using the torches with coloured lenses, shine a beam of red, green and blue light onto a white wall (or a white piece of paper stuck to the wall).Use descriptions, labelled diagrams or photos to show what colours are produced when you mix the beams of light together. |
| Red + Blue | Red + Green |
| Green + Blue | Red + Blue + Green |
| Place a small object between the light source (torches) and the wall. Choose an object that has lots of edges and even parts that can be moved, like a Lego figurine.Use descriptions, labelled diagrams or photos to show what the shadows that are produced look like and what colours are produced. |
|  |
| Explain what you think was happening to create the different coloured shadows you created. |
|  |