



PREPARATION

THEME: RAINBOW HUNTERS

MYSTERY BAG

ANY TOY THAT IS ONE COLOUR
FROM THE RAINBOW (RED,
ORANGE, YELLOW, GREEN, BLUE,
PURPLE)



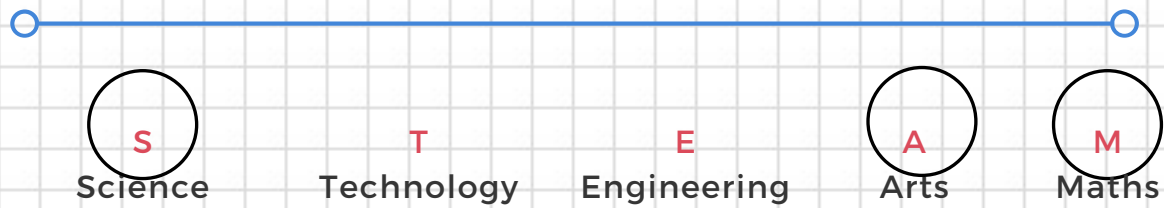
EXPLORATION RESOURCES

- KITCHEN ROLL SHEET
- FELT PENS IN COLOURS OF RAINBOW
- THREE GLASSES OF WATER
- TORCH
- SHEET OF PLAIN WHITE PAPER
- A CD OR DVD
- A SMALL MIRROR
- AS MANY OF THE FOLLOWING AS YOU HAVE: HONEY, WASHING UP LIQUID, COOKING OIL, SURGICAL SPIRIT, FOOD COLOURING



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Questions/Ideas:

Colour Identification: Let's find objects to make our own rainbow. What colour do we need to find first?

Growing a Rainbow: What colours do we need at the ends of our kitchen roll. What do you think will happen when they touch the water? What is happening?

Torch/Sun Rainbows: Shine the torch/sun through the water. Where will the rainbow appear? What colours can you see?

CD Rainbows: Can you hold the CD to see a rainbow appear?

Mirror Rainbows: Put the mirror into the bowl of water. Make sure the light shines onto the mirror. Where's the rainbow?

Hosepipe Rainbows: Let's spray the water. Where's the rainbow?

Density Rainbows: Why do we add the honey first? Why does the washing up liquid float on top of the honey? Why does the water float on top of the washing up liquid? What will happen when we add the oil? Which is the most/least dense?

Learning:

Science: Rainbows need water and light; Absorption; Light refraction; Reflection; Density of liquids; Floating

Art: Colour identification; Correct rainbow colours

Maths: Using angles with reflection

Problem Solving: Moving torch/mirror/water/CD/hosepipe to see rainbows

