



PREPARATION

THEME: A SHADOW SHOW

MYSTERY BAG

A TORCH
(OR PHONE WITH TORCH)



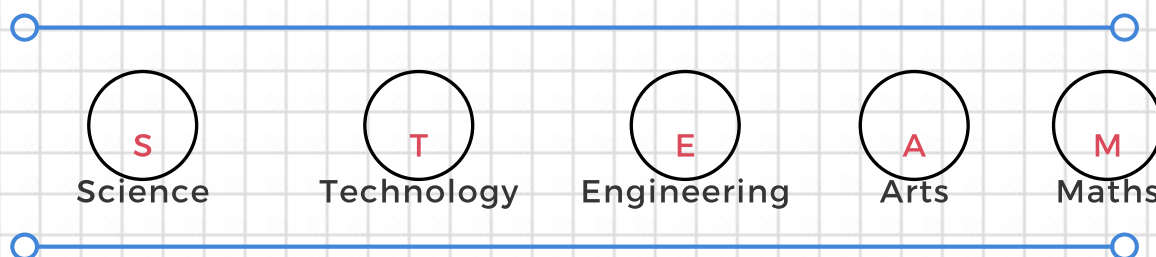
EXPLORATION RESOURCES

- TORCH, PHONE TORCH OR DESK LAMP
- WATCH IN A ROOM DARK ENOUGH FOR A TORCH TO CAST A SHADOW ON THE WALL
- INTERESTING SHAPED TOYS
- BLOCKS OR BRICKS
- PAPER, TAPE & CRAYON/PEN
- TRANSLUCENT COLOURED PLASTIC TOYS OR CONTAINERS, OR COLOURED CELLOPHANE & TOILET ROLL
- OPTIONAL: SHOE BOX, GREASEPROOF/WHITE TISSUE PAPER, TAPE, SMALL CHARACTER TOYS, STRAWS/CHOPSTICKS, BLACK CARD



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Questions/Ideas:

Using Torch: Can you turn the torch on and off?

Finding a Shadow (Torch or Sun): Where's your shadow? Where's the light source? Can you make your shadow dance/jump etc?

Shadow Shapes: What shape is the shadow? Can you point at where the [head] is in the shadow? Let's draw around the shadow.

Shadow Size: What's the tallest/shortest shadow you can make with these blocks? Can you move the torch to help you?

Shadow Position: Can you move the shadow without moving the object? Can you move the torch to make the shadow move here? What happens when we use two torches?

Light Colour: What do you think will happen if we shine the torch through this coloured toy/paper?

Shadow Puppets: Can we make our own shadow puppet theatre and puppets? What characters are in your show? What happens?

Learning:

Science: Light and shadows; Colours; Predicting and testing.

Technology: Using a torch for a purpose.

Engineering: Building towers.

Arts: Puppet theatres and shows; Colour mixing.

Maths: Shape, size and position and associated vocabulary

