



PREPARATION

THEME: CHRISTMAS SPECIAL

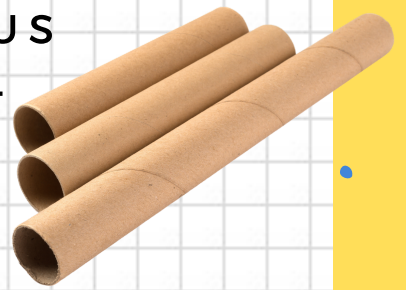
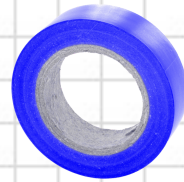
MYSTERY BAG

SOMETHING CHRISTMASSY
(SANTA HAT, DECORATION, ETC.)



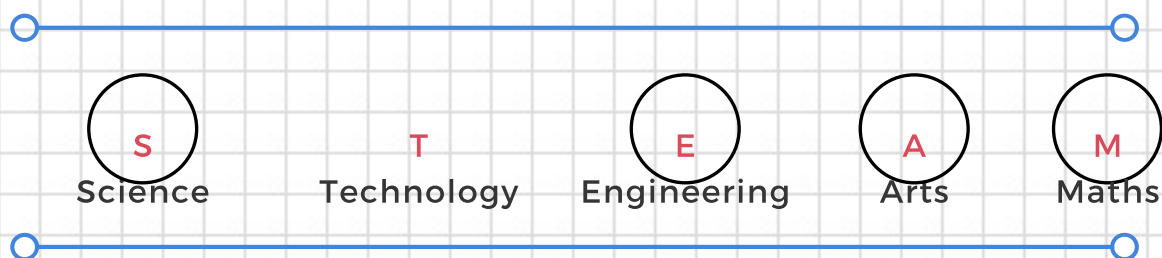
EXPLORATION RESOURCES

- WRAPPING PAPER TUBES (PLUS KITCHEN ROLL TUBES, TOILET ROLL TUBES)
- TAPE & SCISSORS
- CARDBOARD EGG BOXES
- AS MANY AS YOU CAN GET
- IF NO EGG BOXES 5-10 SHEETS OF THICK PAPER OR CARD
- GREEN PAINT (& POM POMS)
- OPTIONAL FOR ICE LANTERNS:
ONE LARGE AND ONE SMALL CUP/BOWL/CAN, SMALL STONES, TAPE, HOLLY SPRIGS OR OTHER LEAVES



EXPLORATION

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Questions/Ideas:

Toy Chutes: Which toys do you think will fit? What's the biggest toy you can fit? How else could we tape the tube? Do you think this will make the toys go faster or slower? Can we use two tubes in our chute?

Egg Box Tree Stackers: How many egg holders can you stack? Can you count them? Can you make a straight/bendy tree?

Card Tree Stackers: What shape are the pieces of card? (semi circles) What shape are they when we bend them together? (cone) What order shall we stack them in?

Ice Lanterns: Which can/cup is bigger/smaller? What will happen to the small cup when we put water in the big cup? (floats) Why do you think we need to add stones? (to keep it down) What will happen when we put it in the freezer?

Learning:

Science: Freezing and melting; Changing gradients of tubes to affect speed; Floating and sinking making lanterns.

Engineering: Using tubes to build chutes and chute systems; Stacking egg holders or cones.

Arts: Decorating trees; Decorating lanterns.

Maths: Relative sizes (bigger, smaller, biggest, smallest); Counting; Shapes - semi circles, cones.

