



PREPARATION

THEME: WINTER WONDERING

MYSTERY BAG

A SCARF, WOOLLY HAT
OR GLOVE

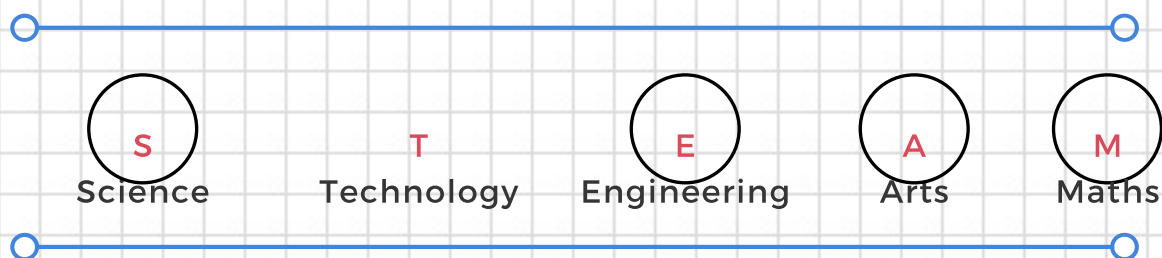
EXPLORATION RESOURCES

- ICE: IN CUBES, CRUSHED IN BLENDER, AND/OR IN A FEW SMALL FROZEN BALLOONS.
- SNOW JARS (OPTIONAL): GLASS JAR, WHITE PAINT, BABY OIL, GLITTER, ALKA SELTZER.
- BLACK PAPER/CARD
- GLUE (PVA OR GLUE STICK)
- CRAFTING MATERIALS IN WHITE/SILVER (OR BLUE) E.G. COTTON BUDS, COTTON WOOL, PAPER, FOIL, DOILIES, SEQUINS, SHAPE PUNCHES, PAPERCLIPS



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Questions/Ideas:

Building Snowmen: How can we make ice? Can you use the ice to build a snowman? What's happening when you touch the ice? How can we make it freeze back into ice again?

Snow Jars: What happens when we mix the paint and water? Where do you think the oil will go when we pour it into the white water? What do you think will happen when we add the alka seltzer? What is happening to the tablet (dissolving, reacting)? Can you describe what you can see?

Snowstorm Art: Where would you like to stick your snow?

Snowflake Art: Let's fold our paper. Can you lay out how you want to make your snowflake? Can we make it a pattern that is the same all the way round? Can we make it look the same on this side as the other side (symmetrical)?

Learning:

Science: Melting and freezing with ice and water; Oil floating on water; Dissolving; Reactions and bubbles; Predicting and observing.

Engineering: Using ice as a construction material.

Arts: Snowstorm and snowflake art.

Maths: Symmetry and patterns.

