



PREPARATION

THEME: UNDER THE SEA MYSTERY BAG

SEA CREATURE TOY OR BOOK

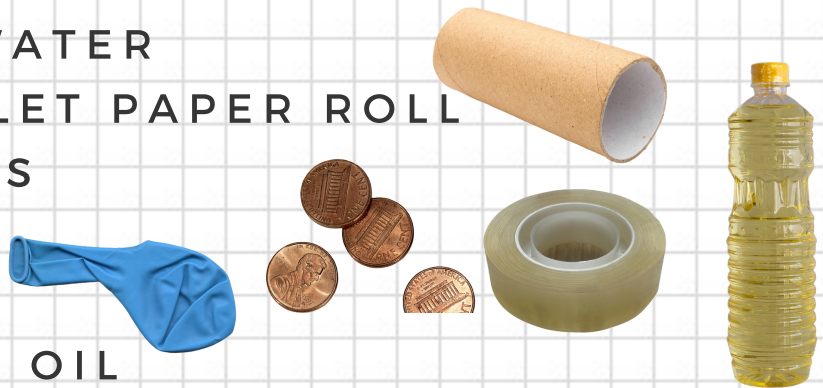


EXPLORATION RESOURCES

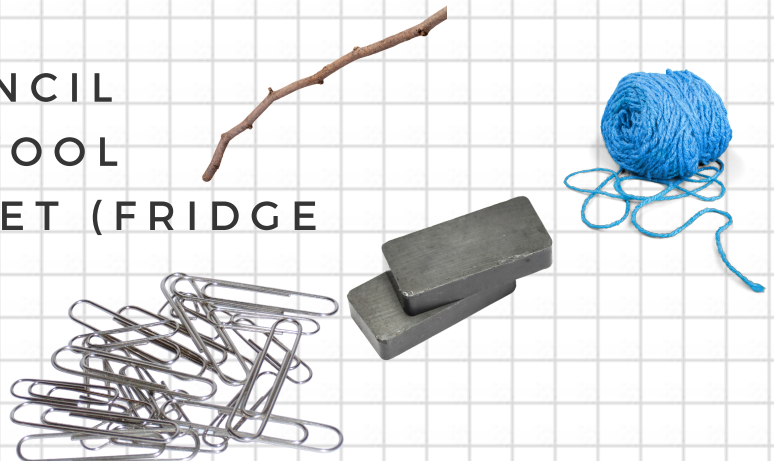
- 2 CUPS/GLASSES OF WATER
- SALT
- CARROT AND/OR EGG



- BOWL OF WATER
- EMPTY TOILET PAPER ROLL
- 3-4 PENNIES
- BALLOON
- SELLOTAPE
- VEGETABLE OIL

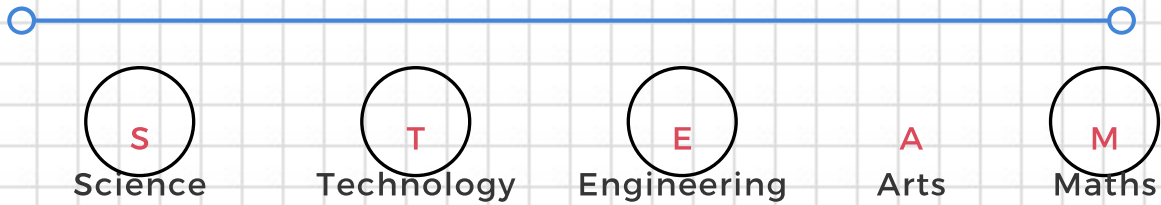


- STICK OR PENCIL
- STRING OR WOOL
- SMALL MAGNET (FRIDGE
MAGNET OK)
- PAPER CLIPS
- PAPER



EXPLORATION

THEME: UNDER THE SEA



Questions/Ideas:

Salt Water: What will happen when I put this salt into the water? How much salt can we make dissolve? Do you think we can dissolve more salt if we use (the same amount of) hot water?

Floating in Salt Water: Do you think this carrot slice will float or sink in normal water? What about the salt water? Let's check. What else might float in salt water but sink in normal water?

Vegetable Oil: Will the shark sink with the pennies on? Why? Is this balloon of oil heavy or light? Do you think it will float or sink? Let's try.

Magnets: Which things will stick to the magnet? How many can we pick up at once?

Learning:

Science: Salt dissolving; Floating & sinking in normal and salt water; Objects that float and sink; Oil floating on water; Magnetic and non-magnetic objects; Predictions; Observations; Comparisons.

Technology: Using magnets as a tool to pick up objects.

Engineering: Building a sinking and a floating shark using properties of materials (pennies, oil).

Literacy/Maths (optional): Fishing for letters or numbers.

