

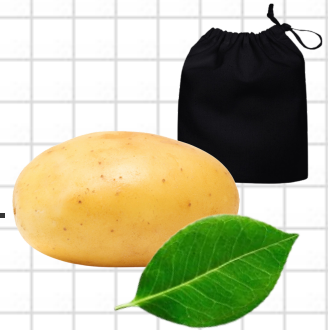


PREPARATION

THEME: WEIGHT'S UP?

MYSTERY BAG

SOMETHING HEAVY AND
SOMETHING LIGHT



EXPLORATION RESOURCES

- CAN OF FOOD, THICK CARDBOARD OR PLANK OF WOOD, TWO IDENTICAL POTS OR CUPS, GLUE/TAPE



- CLOTHES HANGER, STRING, TAPE



- VARIOUS ITEMS TO WEIGH: BLOCKS, TOYS, FRUIT/VEG



- ITEMS TO USE AS WEIGHING UNIT, E.G. PENNIES, SMALL STONES, BLOCKS, COUNTERS

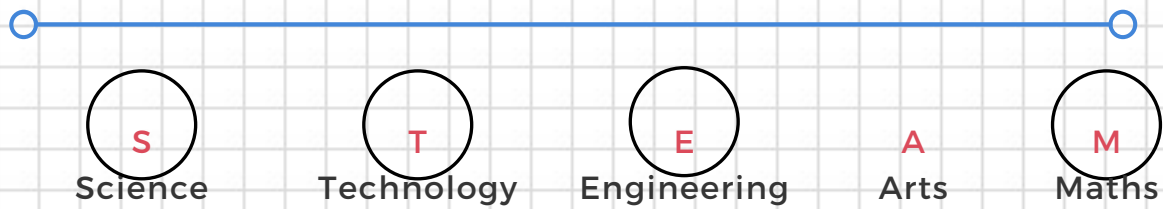


- KITCHEN WEIGHING SCALES



EXPLORATION

THEME: WEIGHT'S UP?



Questions/Ideas:

Light & Heavy: Can you find something heavy? Can you find something light? Which of these things feels heavier/lighter?

See Saw: Which object do you think will make the see saw go down? Let's check. Which object is heavier? How can we make the other end go up? Can you try?

Hanger Scales: Which object do you think is heavier? How can we use these scales to check? How many [apples] do you think will weigh the same as 3 [carrots]?

Measuring Weight: How many [pennies] do you think this object will weigh? Let's count to measure. Do you think this other object will weigh more or fewer [pennies]? Which object is the heaviest? Can we read the numbers on our weighing scales to check?

Learning:

Science: Weight - heavier things will tip the scales downwards;
Predicting and testing

Technology: Using weighing scales for a purpose

Engineering: Building weighing scales

Maths: Weight; Vocabulary: heavy/light, heavier/lighter; same/equal;
Counting; Vocabulary: more/fewer/less.

Problem solving: finding objects to balance out weights

