

| <ul> <li>They use the symbols &lt;, &gt; and = to compare the lengths,</li> </ul> |                |   |  |  |
|---|----------------|---|--|--|
| weights and capacities.   |                |   |  |  |
| Write <, > or = to compare the lengths.   |                | 2 litres — 1 litre —                      |  |  |
| a) 60 mm 6 cm c) 5 cm 45  | 5 mm           | 1 litre —                                 |  |  |
| <b>b)</b> 1 m 50 cm 115 cm <b>d)</b> 100 mm 1 m                                   | m              |   |  |  |
| How did you work this out?  | 5 g and 5 kg   | 4 litres 5 litres 4 litres -              |  |  |
| They order units of measure   | 99 g and 300 g | 2 litres — 2 litres — 1 litre — 1 litre — |  |  |
|   | 1 kg and 950 g |   |  |  |
|   |                |   |  |  |
|   |                |   |  |  |
|   |                |   |  |  |
|   |                |   |  |  |
|   |                |   |  |  |

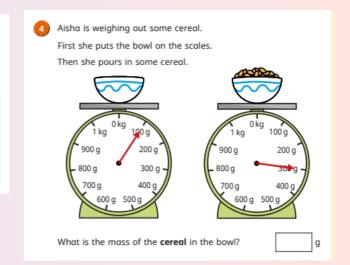
#### Addition and subtraction

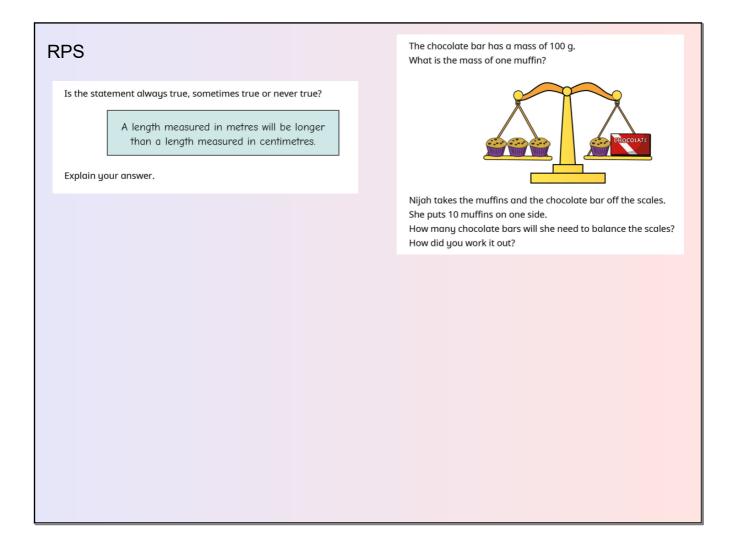
Jack, Tommy and Alex took part in a hop, skip and jump competition.

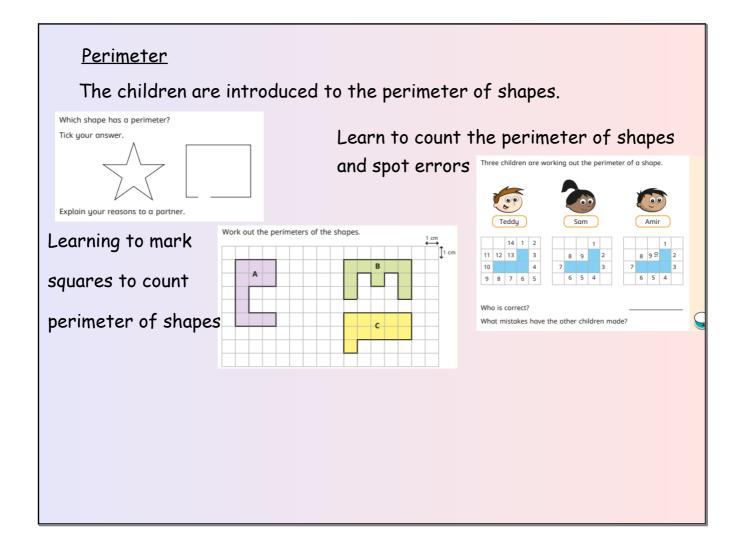
Complete the table to show the total distance each child travelled.

| Name  | Нор   | Skip  | Jump      | Total |
|-------|-------|-------|-----------|-------|
| Jack  | 80 cm | 60 cm | 1 m 20 cm |       |
| Tommy | 70 cm | 1 m   | 1 m 10 cm |       |
| Alex  | 75 cm | 75 cm | 1 m       |       |

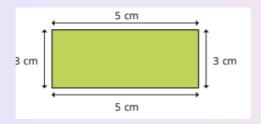
### Finding the difference and total





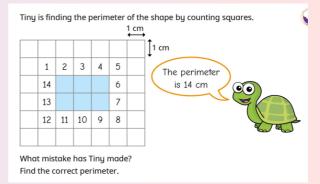


They calculate the perimeter by adding up the lengths of the sides marking them as they go.



5+3+5+3=

### Reasoning question to apply skills



# Geometry 2-D Shapes

The children are expected to apply knowledge of 2-shapes from previous years to help draw with increasing accuracy.

Draw a rectangle with a length of 8 cm and a width of 5 cm.

1 cm

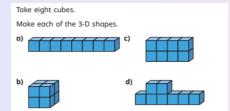
triangle rectangle parallel and perpendicular lines

Building on Year 2 vocabulary they describe using vertices, edges. Extending with perpendicular and parallel lines, and describe angles within shapes.

## 3-D Shapes

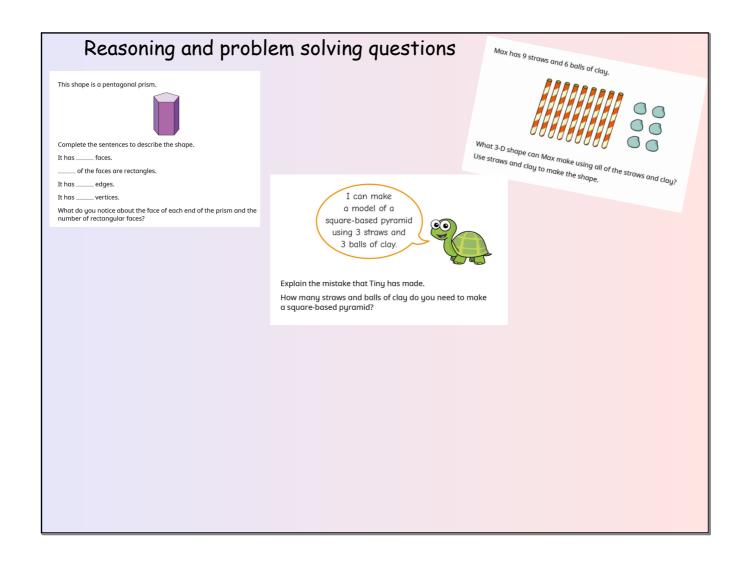
The children use modelling materials to make a range of 3-d





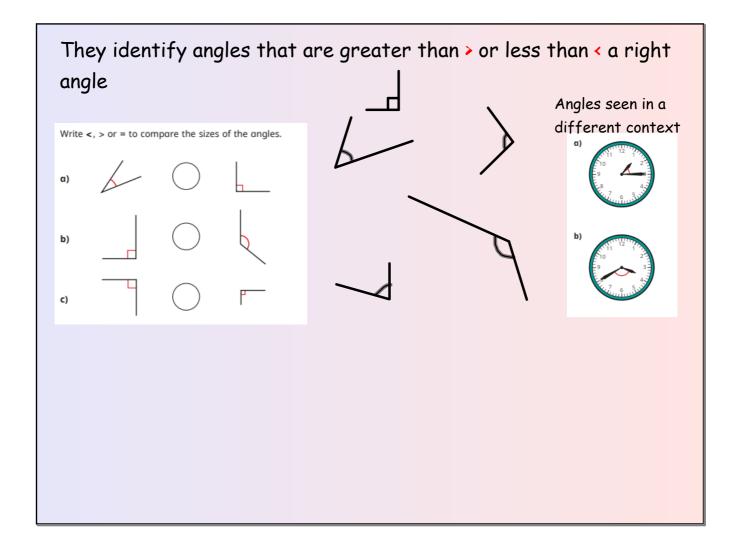
| 3-D shape | Number of edges<br>(straws) | Number of<br>marshmallows<br>(vertices) |
|-----------|-----------------------------|---|
|           |                             |   |
|           |                             |   |
|           |                             |   |



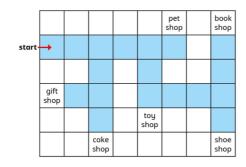


|  |  | knowledge of turns from Year<br>to right angles.   | r 2 and |
|--|--|--|---------|
| The arrows are being turned clockwing Match the pictures to the turns. | half turn  quarter turn  full turn  three-quarter turn | Complete the sentences.  A quarter turn is equal to right angle.  A half turn is equal to right angles.  A three-quarter turn is equal to right angles.  A full turn is equal to right angles. |         |
|  |  |  |         |

| Identifying right angles and description                    | ribing amounts of turns in shapes.   |
|---|--|
| They use vocabulary of direction clockwise or anticlockwise | Here is a compass.   |
| Draw the right angles on each shape.  a)  b)  d)            | a) Aisha is facing north.  She turns a quarter turn clockwise.  What direction is she facing now?  b) Tommy is facing north.  He turns a quarter turn anticlockwise.  What direction is he facing now?  c) Annie is facing east. |
|   | She turns a three-quarter turn clockwise.  What direction is she facing now?   |



### Reasoning and problem solving examples



Write instructions for a partner to follow to get from the start to reach any one of the shops. They are not allowed to walk on the white squares.

