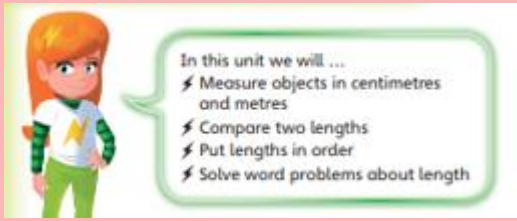
Year 2 Length and Height Knowledge Organiser

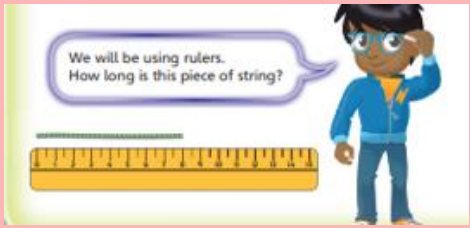
Star Vocabulary

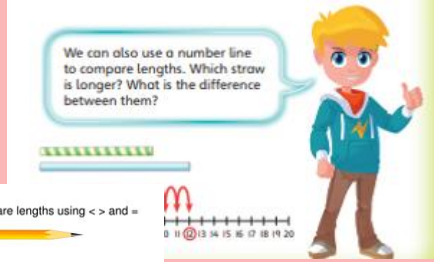
Compare	Looking at the difference.
Height	The measurement of something from the top to the bottom. Saying how tall or short something is.
Length	Say how short or long something is.
Unit of measurement	Measuring and recording a number that shows the amount e.g., cm, mm, ml, m, l
Weight	To measure how heavy or light something is.
Longer	When the length of an object is longer than another object.
Shorter	When the length of an object is shorter than another object

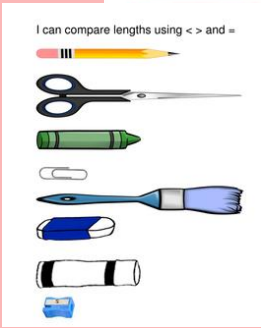
Compare objects using standard and non-standard measurements.

Measure length and perimeter.









Sentence Stems

We can measure length in _____.

We can measure height in _____.

The _____ is shorter than _____.

The _____ is longer than _____.

The length of the _____

is greater than or less than the

length of _____.

Misconceptions: Why?

Children may align objects against the ruler incorrectly.

Children may also count in centimetres along the ruler starting from 1cm and therefore will get the answer wrong.

Factual & Conceptual Fluency progression

Use the language of length such as long, longer, short, shorter, tall, taller. They recognise this language will change depending on what type of length they are describing and comparing. To understand lengths that are equal to one another.

Children are introduced to millimetres for the first time and build on their understanding of centimetres and metres.

To measure the perimeter of shapes using decimals.

Explore the area of triangles and parallelograms. To use the knowledge of factors to draw shapes with different measures and

Children should begin by holding objects and describing them using vocabulary such as heavy, light, heavier than, lighter than before using the scales to check.

Recognise that 100cm is equivalent to 1m and to use this when converting other multiples.

To measure the area and perimeter of regular and compound shapes