



St John Fisher RC Primary School

Year 1 Maths Knowledge Organiser

Spring Term Two – Length and Height

Mass and Volume

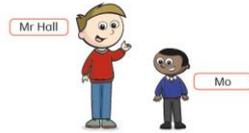
Objectives

- Compare length and height
- Measure objects using objects
- Measure length in centimetres
- Heavier and lighter
- Compare capacity

Length/height

Mass/Capacity

Mr Hall and Mo are comparing their heights.



Choose a word to complete each sentence.

taller shorter

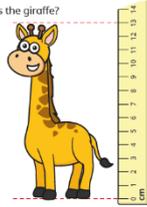
- ▶ Mr Hall is _____ than Mo.
- ▶ Mo is _____ than Mr Hall.

Write **longer** or **shorter** to compare the ribbons.



- ▶ The plain ribbon is _____ than the stripy ribbon.
- ▶ The stripy ribbon is _____ than the plain ribbon.

How tall is the giraffe?



Give children a pair of objects, such as pencils of different lengths. Ask them to measure the length of each object.



Ask which object is shorter and which is longer.

Which object is lighter?



How do you know?

Write **heavier** or **lighter** to complete the sentence.



The bottle is _____ than the can.

What do you know about the masses of the banana and the apple?



In each pair, which container has the greater capacity?



Show the volume in each glass.



Compare answers with a partner.

Choose words to complete the sentence about each glass.

empty nearly empty nearly full full



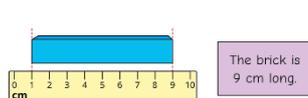
The glass is _____

Key Vocabulary

length	The measurement of something end to end
height	The measurement of someone or something from head to foot
centimetres	Metric units of measurements used to measure lengths of small objects
volume	Is the total amount of 3D space an object takes up
capacity	A total amount a container can hold

Assessment

Is the statement true or false?

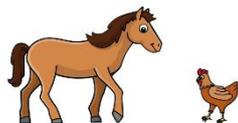


The brick is 9 cm long.

Circle your answer.

true false

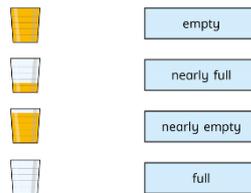
Write **taller** or **shorter** to complete the sentences.



The horse is _____ than the chicken.

The chicken is _____ than the horse.

Match the pictures to the labels.



Jo finds the mass of some objects.



Circle the lightest object.
Tick the heaviest object.