

Maths Talk and Learn: Supporting White Rose Maths Talk about Measure and Pattern

Compare Size, Mass and Capacity

Compare Size

The **size** of objects can be compared using words, such as **taller, longer, shorter, bigger** and **smaller**. Talk about the animals in this picture. What words can you use to describe the size of the animals?



Compare Mass

The **mass** of objects can be compared using words, such as **heavier, lighter, balance, equal** or **same**. Talk about the parcels on these balance scales. What do you notice? How do you know when two parcels weigh the same?



Compare Capacity

The **capacity** of objects can be compared using words, such as **more, less, full** and **empty**. Talk about these bottles of juice. Which bottle is full? Can you see an empty bottle? Can you use the words '**more**' and '**less**' to talk about the amount of juice in each bottle?



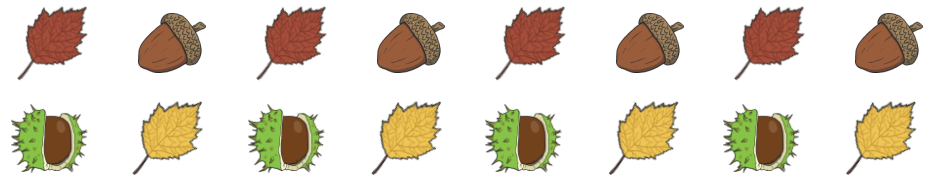
Challenge Yourself:

- Collect some autumn leaves and some sticks and compare their sizes and lengths. Which is the biggest leaf you've found? Which is the longest stick? Can you find two leaves that are the same size? Or two sticks that are the same length?
- Can you put your leaves in order from smallest to biggest? Which leaf is your favourite? Can you describe it to a grown-up? Can you put the sticks in order from shortest to tallest? Talk about your leaves or sticks using words, such as small, bigger, biggest, short, taller, or tallest.

Exploring Pattern

Repeating patterns can be made using colours, shapes, objects, actions or sounds. They contain **sequences** that are repeated again and again.

Talk about these **patterns** of autumn items. Can you say the patterns?



Little Squirrel has made some repeating patterns using autumnal items. Can you say the patterns? What do you think would come next in each pattern?



Little Squirrel and his friends have made a pattern. Talk about the pattern they have made. What do you notice? Is the pattern correct? How could they change the pattern so that it is correct?



Challenge Yourself:

- Can you create some repeating patterns using actions or movements? You could create a movement pattern by clapping your hands and stamping your foot. Can you describe your pattern for a grown-up to copy?