

Owlets Maths – Week commencing 22.06.2020

Length, Height and Distance

These activities will support your child to learn the concepts of measurement. They will focus upon length, height and distance. Please choose a couple of activities each day for your maths learning this week!

Children begin to understand measurement by using the language associated with length and height e.g. the tree is tall, my little sister is short. When making direct comparisons, they may initially say something is big or bigger. Encourage them to use more specific mathematical language relating to length (longer/shorter), height (taller/shorter) and breadth (wider, narrower)

Once this vocabulary has been established and is not only understood by the child, but also used by them within their speech, they will then be ready to move onto making indirect comparisons using identical objects such as blocks or cubes to measure each item e.g. my tower is 6 bricks tall.

Activities to use at home:

- Compare the height of people in your family! Can you order them from shortest to tallest or tallest to shortest? You could even do this with teddies if you prefer!
- Compare your shoe sizes at home! Do you know which shoe belongs to which person based on a knowledge of their size? You could order shoes from smallest to largest as well!
- Are you growing any plants in your garden? Which one is the tallest? Which one is the shortest? Can you measure one of your plants each day to see how it grows?
- Can you measure how tall one of your teddies is at home by using blocks or cubes? Think about whether the tallest teddy has more or less blocks than the shortest teddy. Why is this?
- Have a tower competition! Who can build the tallest tower? What is the shortest tower you can build? Can you build a tower that represents the size of each person in your family?
- Use some toy cars or buses that you have at home and see if you can build a bridge for them to get across. How wide will it need to be to make sure that the cars/buses can safely travel across? Are the buses wider than the cars?
- Do you have any old shoelaces or ribbon at home? You could compare the lengths of these and measure distances around your house! Perhaps you could even measure if objects around your home are longer, shorter, taller or the same size as your ribbon!