

# Sandy Lane Nursery and Forest School



“Nurturing curiosity and inspiring imagination”

## Ideas to support your child with mathematics

Mathematics plays an important part in your child’s learning and development as it helps skills such as problem solving, spacial awareness, and recognising and creating patterns. Mathematics is an essential life skill and its presence is part of our daily lives. At Sandy Lane Nursery and Forest School we want every child to have a positive attitude and interest in mathematics. To do this we immerse them in a ‘maths rich’ learning environment alongside direct teaching. Our mathematics curriculum builds on the knowledge and skills children acquire alongside opportunities to apply new learning, practice and refine skills in all areas of mathematics. Children are supported to look for patterns and relationships, spot connections, ‘have a go’, and talk with adults and their friends about what they notice and their ideas.

In sunshine room we know all children can develop strong mathematics skills and we ensure that we provide lots of opportunities to develop this skill. This includes play based experiences where numbers, shape and space are part of the everyday activities we offer. For example the children are encouraged to engage in water play where the children have the opportunity to fill and empty containers to their hearts content, at hello time the children count their peers to find out how many children are in nursery every day, they observe counting on a number line to help with their number recognition and we incorporate maths into all areas of our play, from counting how many eggs we are baking with, to identifying shapes in our everyday items. Maths is everywhere in the home and outdoors, you don’t need any special equipment, you and your child can enjoy sharing maths activities through many of the things you do every day. .

If you have any questions about your child’s learning and development please speak to your key worker who will be happy to help.

### At home you could...

- Sing number nursery rhymes . For example 1,2,3,4,5 once I caught a fish alive, five little ducks and 3 currant buns .
- Identify shapes within your home. For example you could ask what shape is the tv? What shape is the clock?
- Count everyday objects. How many cars do you have? How many balls are in the garden?
- Stack blocks, cups, rocks, or anything that is stackable. Stacking is a great way to introduce your child to how angles and shape effect balance and key vocabulary like big and small.
- Make some tunnels for cars or balls to roll through. Use chairs with blankets over them or old wrapping paper tubes. This will help your child to understand the position of things and where objects are in space in relation to other objects.



Here’s a link to some great counting songs and rhymes

BBC RADIO

<https://www.bbc.co.uk/teach/school-radio/nursery-rhymes-counting-songs/zn67kmn>

### At home you could...

- Cook with your child. Encourage your child to count ingredients, fill up jugs, pour ingredients into bowls and stir everything together. This will help your child to learn how to fill, measure, add and count in their everyday life.
- Talk about size. Can you see that big tree? Which flower is bigger? Is that car big or small? What size is it?
- Compare your feet size. You could draw around your feet and create cut outs and compare who has the biggest feet and who has the smallest or you could line up everybody's shoes in size order.

### Useful Websites



#### Cbeebies - Help your child be epic at maths

WEBSITE

<https://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths>

Tips for parents about developing numeracy age 0-6, with fun activities to build into everyday life and play.

#### Early Maths Counts

WEBSITE

<https://earlymathcounts.org/resources/>

A wealth of maths apps, games and activities for nursery children

#### Maths is Everywhere

<https://www.early-education.org.uk/sites/default/files/Maths%20is%20Everywhere.pdf>



We set home learning activities on tapestry to support you and child with ideas for mathematics at home. We also have a healthy harry bag that goes home with one child each weeks and includes a range of activities to build a strong link between nursery and home.

**IMPORTANT** – Please remember to check all website links to ensure the content is appropriate before sharing with your child