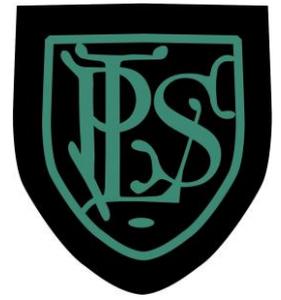


Lawmuir Primary School



Numeracy Support Guide

First Level



Here are some ideas of how you can help me with my Numeracy and Maths at home!

Number

- Practise counting in 1s, 2s, 5s and 10s. Start at different numbers to make it harder.
- Create your own number line and decorate it.
- Write out a number and discuss its place value e.g. $43 = 4 \text{ tens and } 3 \text{ ones}$.

Time

- Time devices at home - ask your child to find and record where they see time devices at home, e.g. alarm clock, cooker timer. Ask them to record this in an appropriate way (e.g. draw, write, take photo).
- Collecting dates – ask your child to collect some key dates from their family or friends, e.g. Dad's birthday is 5th March, we go on holiday on 10th July. Can they find them on a calendar?
- Make your own calendar. Draw appropriate pictures to match.
- Tell the time in o'clock, half past.
- Convert 12 hour time to 24 hour time, e.g. 9am = 0900 hours
- Pretend you are at school. Create a weekly timetable to organize your time.



Handling Data

- Hopping - find out how many times your child can hop on each leg. First they hop on the right, then on their left. They do each side three times and record their best results for each leg. Compile a graph with the results.
- Call a few family members. Ask them their favourite type of crisps, juice, sport etc. create different ways to show this information.

Fractions

- Coin collection - Ask your child to find one 20p coin. Ask them to draw around it five times, colour some and then write what fraction of £1 the coloured set is, e.g. 40p is $\frac{2}{5}$.
- Sorting objects – ask your child to sort 20 small identical objects, such as 1p coins, grapes, sweets into two equal groups, then into four equal groups, then five equal groups and then 10 equal groups. They record the number in the groups, e.g. $\frac{1}{2}$ of 20=10, $\frac{1}{4}$ of 20 = 5 etc ask them to note when a group or groups have the same number.

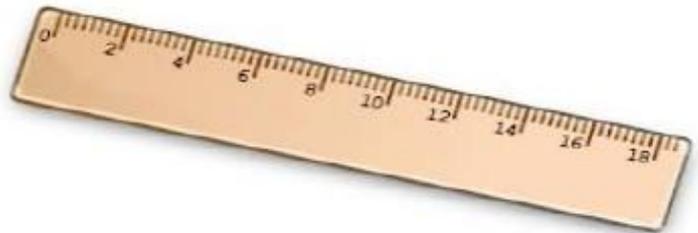


Shape

- Robot challenge Ask children to draw a picture of a robot using at least 3 different 2D shapes. Back in class, ask children to name some of the shapes they used.
- 3D objects at home Ask children to write down five real-life examples of different 3D objects in their home and, if they can, to give the mathematical name of the 3D object, e.g. toilet roll is a cylinder.
- Rectangles on 3D objects Ask children to make drawings of 3D objects in the home that have at least one rectangular face, for example, door, TV, picture frame.

Division

- 12 peas- Ask children to draw 4 large circles which represent 4 plates. On each plate they should draw 12 peas, grouped into equal groups, making each plate different. Children could be encouraged to work practically, using any items they have at home, e.g. coins, sweets, grapes, to represent the peas. You can do this for any number!
- Sort it- Assist children in folding a sheet of paper into 4 (or 8) sections. Ask them to collect 20 small items, such as coins, sweets, grapes and share them equally onto the folded paper. Children can repeat this several times for other numbers, e.g. 16 and 24. Ask them to discuss with you anything they have noticed.



Measure

- Measuring the family - Your child draws their family members, putting them in order of height. Then they draw them in order of age. Talk about whether the two orders are the same.
- Heaviest/lightest – Your child chooses five objects from around the home and draws them in order, from (estimated) heaviest to lightest.
- Use a variety of containers (e.g. pots, jugs, tubs etc.) Estimate how many cups of water you would need to fill them and check your answer.

Subtraction

- Make snakes- Ask children to draw three snakes, split into many sections, and to write a sequence in each snake, e.g. by counting on or back in 1s or 2s. For more of a challenge you could state that the fifth number in each sequence must be a particular number, e.g. 27 or 54, and say that at least one sequence must be counting back.
- Draw and cut numbers to 10. Use these to create different subtraction sums. Record these in your jotter.

Addition

- Cutlery challenge-Supervise children as they count the number of pieces of cutlery they have at home. Talk about the number of each type, draw pictures or write numbers, e.g. 12 spoons, 15 forks and 11 knives.
- Totals Give your child a total that is appropriate to their confidence with number within 20, e.g. 6, 9, 17. Ask them to draw pictures to show ways of combining groups of objects to make that total.
- Draw and cut numbers to 10. Use these to create different subtraction sums. Record these in your jotter.

Multiplication

- Sort it- Assist children in folding a sheet of paper into 4 (or 8) sections. Ask them to collect 20 small items, such as coins, sweets, grapes and share them equally onto the folded paper. Children can repeat this several times for other numbers, e.g. 16 and 24. Ask them to talk to you about anything they have noticed.
- How many? Ask children to collect between 10 and 30 small items at home to sort into equal groups. For each size of group, children note the total number of items (e.g. 22), the group size (e.g. 3, 4, 5 or 6), the number of groups that can be made and the number left over, e.g. '22 is 7 groups of 3 with 1 left over'.
- Practice times tables
- Make a times table poster



Money

- Talk about money Discuss with your child at home or at the shops about how you use money. Encourage your child to choose an example and record this in drawings and/ or pictures.

- 3 coins challenge- Give your child the following challenge: What values up to 50p can you make using exactly three coins?
- Play shops- ask for different amounts and ask for the correct change.

Useful Websites

You may find these websites helpful with more hints and tips on how you can support your child.

www.sumdog.com

www.studyladder.com

www.topmarks.com

www.doorwayonline.org.uk

www.splashlearn.com

www.bbc.co.uk



Remember to visit the Lawmuir
Blog for lots of news and
information

www.lawmuir.n-lanark.sch.uk