

Numeracy Support Guide

Second Level

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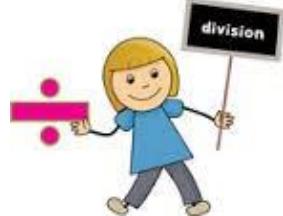
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Here are some ideas of how you can help me with my Numeracy and Maths at home!



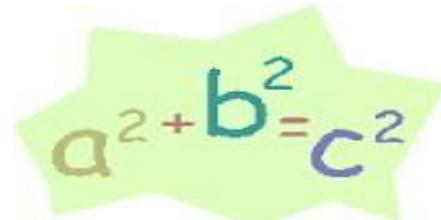
Negative Numbers

- Negative news - Ask children to find three examples of negative numbers in newspaper articles. Examples could include weather reports, movements down league ladders (e.g. football ladders or music charts). They write a sentence explaining what each number means in that context.



- Multiplication & Division

- Teach them how – Ask your child to make an information leaflet for a friend, teaching them about the link between multiplication and division facts.
- Practice your times tables.
- Use a deck of cards and play Multiplication war!
- Create your own Multiplication and Division board game that you can play with your family.



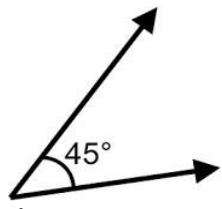
Expressions & Equations

- Brackets - Ask your child to write the numbers 2, 12, 6 and 3 in this order several times. He/she should write any signs they choose between the numbers (including brackets) and find as many different answers as he/she can, e.g.
 - $2 \text{ D } (12 \div 6) \text{ D } 3 = 12$,
 - $(2 \text{ D } 12) - (6 \text{ D } 3) = 6$,
 - $(2 + 12) \div (6 \div 3) = 7$, etc.

Key- Addition +, Subtraction -, Multiplication X, Division- D

Angles

- Angle Hunt – Ask your child to have a look around the house and create a list all of the places they find angles. For extra challenge, he/she could note next to each angle whether it is acute, right, obtuse, straight or reflex. He/she should then bring their list to class to share with his/her teacher and classmates.



Measure

- Measure search around the home - Ask your child to look around their house, especially in the kitchen, for examples where measurements are recorded. He/she should find and record the examples, listing the item, the unit of measure used and the equipment that might be used to measure this.
- Do some baking! Take some time and let your child measure as you bake.

Symmetry

- Symmetry in nature: Ask children to look at the living world around them to find examples of symmetry in plants and animals. They could then photograph or sketch their findings to bring back into school to show to their classmates.
- Crest Design: Ask children to design and draw a symmetrical crest for their class at school. Children could then bring their completed designs into school for display outside the class.
- Create any symmetrical pictures using different materials.

2D Shapes & 3D Patterns

- 3D objects at home - Ask children to look around the home for 3D objects such as cupboards, books, sweet tins, food packaging. Draw some different items, then sketch what they think the net of each might be.

Place Value

- House prices - Ask children to find different house prices from adverts in the local paper or the internet. They list up to ten prices in their jotters. They underline one digit of each house price and identify the value of it using words or figures, e.g. £984 000 is eighty thousand pounds or £80 000; £175 000 is five thousand pounds or £5000.

Units of Measure

- Estimate length around the home Ask your child to establish how wide their hand span is. At home they use their hand span measurement as a guide to estimate the length of different objects. They record the item, their estimate in hand spans and the estimate in cm. For example, radiator: about 6 hand spans; my hand span is 12 cm, so the radiator is about 70 cm.
- Heavier than, lighter than. Ask your child to choose an item to be a reference weight (e.g. apple, tennis ball, shoe, tin of beans). Then they find three items which are lighter and three that are heavier. They record the items and estimate the weight of each. If you have scales in the house, they could then check their answer.

Addition & Subtraction

- Write the numbers 1-10 and cut them out. Use them to create addition and subtraction sums.
- Create your own number square. Use it to help you work out your answers.

Time

- TV Time-Ask children to read and interpret a television guide. They could then create their own TV guide noting down times of programmes and the length each lasts.
- School Timetable-Ask children to pretend that they are a teacher. Tell them to create a pupil timetable for one week. It should clearly display the start and finish time of each type of lesson and how long each lesson lasts. They should then calculate how much time each week is spent on each subject, e.g. Literacy = 5 hours per week.



Money

- Give your child a budget. Let them plan their own fantasy house/bedroom/party etc.
- Ask children to choose items they think their household needs, or that they themselves would like, including toys. They write a list of 10 items, estimate the price of each and work out a total cost. Check their estimations online.



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](http://www.lawmuir.n-lanark.sch.uk)