Year 5 and 6

How to help at home!

In Year 5 and Year 6, children develop their fluency in arithmetic skills; make deeper connections between fractions, decimals and percentages; and strengthen their knowledge of the four operations (addition, subtraction, multiplication and division) within a variety of contexts.
Children also learn about ratio, algebraic concepts and properties of shapes.
Here are a few ideas that you can use to help your child be confident in maths with year 5 and 6 but also prepare them to be 'Secondary School Ready'.

Fluent recall of number facts:

- Talk about large numbers in the real world, such as house prices, electricity meter readings or football transfer values. When you see big numbers, ask your child to read them aloud. Can they write large numbers accurately if you say them?
- Use the flashcards for all multiplication tables. Older children might enjoy seeing how many correct answers they can give in a set time. Doubling and halving bigger numbers and doubling and halving odd numbers are all brilliant ways of extending your child's mental arithmetic skills.
- Play 'Guess My Number'. Give three facts about a number, can your child guess the number correctly? "My number is between 20 and 30. It is a multiple of 7. It has 4 factors."

SCAN ME FOR MORE IDEAS

Money:

- A great way to discuss addition and subtraction of decimals is by using money. Put together a shopping list. Can your child work out how much it would cost to buy the items? Would it be cheaper at a different shop?

Functional skills:

- Cooking and baking at home gives us an opportunity to develop lots of maths skills, including; measuring the mass of ingredients and the volume of liquids; calculating with whole numbers, in grams, and decimal numbers, in kg, when combining ingredients together; telling the time and calculating durations of time
  Find recipes online, here: https://www.bbcgoodfood.com/ recipes/collection/kids-cooking
- Timetables – get a train or bus for your next trip into town. What time do you need to get to your destination? How long is the journey? What time do you need to leave home? Try using digital and analogue clocks.

More activities can be found here: https://home.oxfordowl.co.uk/kids-activities/fun-maths-games-and-activities/
For maths games that can be played on your computer or tablet, have a look at this website: http://www.maths-games.org
You can even play an online, interactive version of 'Shut the box' here on the NRICH: http://nrich.maths.org/6074 of the game