

Real life links:

Number - Play board games like Snakes and Ladders, Ludo, skipping, hopscotch, skittles, quoits, bingo that involve counting and opportunities for addition and subtraction. Play games like dominoes where children have to recognise, count and match number/pattern of dots. Encourage them to make up their own games or perhaps adapt the rules of a more familiar game.

Measures - Involve children in cooking. Look at numbers on scales and measuring jugs. Estimate measurements and measure accurately. Discuss consequences of inaccurate measurement. Measure and compare heights of family/friends. Estimate then measure. Grow plants. Measure it at regular intervals. How much has it grown in a week? Month?

Money - Start to think about the change that they would get when shopping. If they get pocket money get them to think about how long they will have to save for particular items, how much more they need etc.

Shape - Sort packets, tins etc into groups making up their own criteria.

Interact with your child as much as possible.

Exploit opportunities to engage your child in conversation. Ask questions and encourage your child to ask

Useful Website

<https://www.bbc.co.uk/cbeebies/shows/numberblocks>

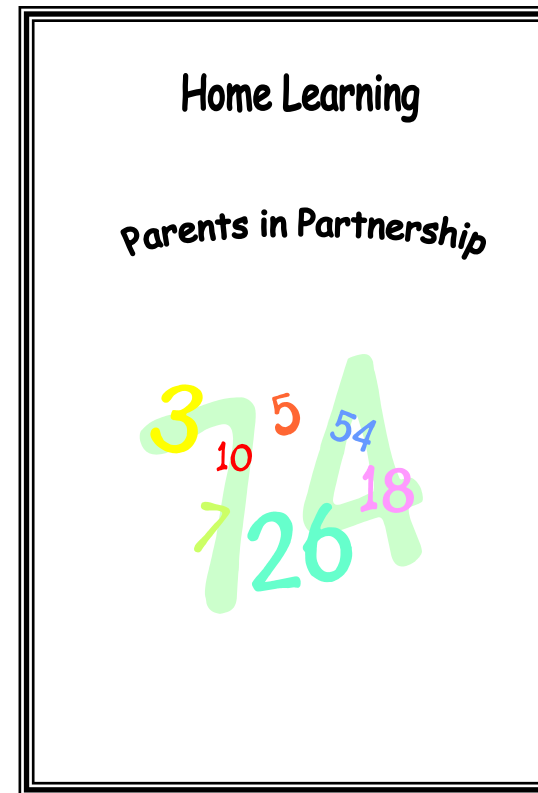
<http://www.bbc.co.uk/bitesize/ks1/maths/>

<http://www.ictgames.com/resources.html>

<https://www.oxfordowl.co.uk/for-home/advice-for-parents/maths-at-home/>

- have links to a range of games and activities designed to support learning in mathematics and develop a positive attitude towards learning

Buckland Primary School



Year 1 Maths
January - March 2018

Some of the maths we will be learning this term
is explained below:

Number and Place Value:

- ☆ Count to 50 forwards and backwards, beginning with 0 or 1, or any other given number.
- ☆ Count, read and write numbers to 50 in numerals (to 20 in words).
- ☆ Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.
- ☆ Given a number, identify one more or one less.
- ☆ Count in multiples of twos, fives and tens.

Addition and Subtraction

- ☆ Represent and use number bonds and related subtraction facts within 20.
- ☆ Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems, such as $7 = _ - 9$.
- ☆ Read, write and interpret mathematical statements involving (+), (-) and (=), e.g.
- ☆ Add and subtract one-digit and two-digit numbers to 20 including zero.
 - Make addition stories
 - Solve addition picture problems
 - Subtract by crossing out
 - Subtract by using number bonds
 - Subtract by counting back
 - Add by counting on.

Measurement

- ☆ Measure and begin to record lengths and heights.
- ☆ Compare, describe and solve practical problems for: lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half).
- ☆ Measure and begin to record mass/weight, capacity and volume.
- ☆ Compare, describe and solve practical problems for mass/weight (e.g. heavy/light, heavier than/lighter than); capacity and volume (e.g. full/empty, more than/less than, half, half full, quarter).

**Ideas for home learning
activities**

Number challenges

- Sing counting songs, 5 Little Speckled Frogs, 10 Current Buns, 10 Fat Sausages Sizzling in a Pan - children to count on their fingers as they sing.
- Count on to find a number using fingers, then show me a number using fingers (not counting on to find the number to show).
- Count how many peas or nuggets etc. there are on their plates, how many Lego bricks did they use to make tower etc. Can they say without counting 1 by 1? Guess how many.
- Play board games which involve counting (e.g. snakes & ladders).
- Watch BBC's NumberBlocks!
- Count stairs, steps across the room or garden.
- Collect a quantity of objects such as buttons or shells. Ask the child to count them by grouping (into groups of 2s, 5s, 10s).
- Count in 2s using pairs of socks.
- Count in 5s using fingers.
- Finding 1 more or 1 less than any given number.
- Using small objects, say e.g. I have 2 grapes in one hand and 6 in the other, how many altogether? Extend by not showing one of the hands. Or, I have 6 grapes, if you eat 2 how many left?
- Writing numerals and number words in sand, shaving foam, chalk, paint with fingers.
- Play hide and seek with numbers: Find me something I have hidden for the number 5 etc.

Understanding Measurement

- Measure different items in the house, including themselves.
- Who is shorter/taller...?
- Find something half/double a length of string.
- Fill the jug so it is full, half full, quarter full.
- Cooking - measuring ingredients.
- Compare different weights (sugar/flour/tins).