

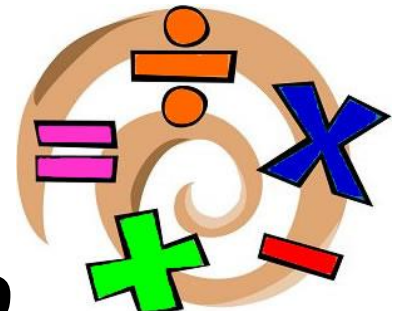
Helping your child at home



Year 1



Maths



These are some of the things your child should be able to do by the end of

Year 1:

Place Value:

- ✓ count to and across 100, forwards and backwards, beginning with 0 or 1 or any given number.
- ✓ Given a number, identify one more or one less.
- ✓ Identify and represent numbers using objects and pictorial representations (including the number line)
- ✓ Use the language of equal to, more than, less than, most, least.
- ✓ read and write numbers from 1 to 20 in numerals and in words.
- ✓ Count in multiples of twos and tens.
- ✓ Count, read and write numbers to 100 in numerals.

Addition and Subtraction:

- ✓ Read, write and interpret mathematical statements involving $+$ / $-$ / $=$ signs.
- ✓ Add and subtract one digit and two digit numbers to 20.
- ✓ Represent and use number bonds and related subtraction facts within 20.
- ✓ Solve one step problems that involve addition and subtraction including missing number problems.

Multiplication, Division and Fractions:

- ✓ Count reliably in twos.
- ✓ Share objects equally by counting how many objects in each group.
- ✓ Solve one step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays (with the support of the teacher).
- ✓ Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
- ✓ Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Measure:

- ✓ Compare, describe and solve practical problems for: lengths and heights (longer/shorter) time (quicker/slower)
- ✓ Measure and begin to record: lengths and heights, time (hours).
- ✓ Recognise and know the value of different denominations of coins and notes.
- ✓ Sequence events in chronological order using language such as: before, after, next, first, today..
- ✓ Recognise and use language relating to dates, including days of the weeks / months of the year.
- ✓ Tell the time to the hour.

Shape:

- ✓ Recognise and name common 2D and 3D shapes.
- ✓ Describe position, directions and movements - including half, quarter and three quarter turns.

The activities given will all help your child towards achieving some of the maths they should be able to do by the end of Year 1.

Number facts

- ❖ You need a 1-6 dice.

Take turns. Roll the dice. See how quickly you can say the number to add to the number on the dice to make 10, e.g.



and $6 = 10$

- ❖ If you are right, you score a point.
- ❖ The first to get 10 points wins.

You can extend this game by making the two numbers add up to 20.

Number Bonds

Helping your child to learn their addition and subtraction facts to 10 and regularly going over them will benefit them enormously. They should know them well enough to give 'quickfire' answers when they are jumbled up (e.g. "Eight and what make 10?" "ten take away 4?"). This can be done on car journeys or whenever there is a spare 5 minutes.

Make it real!

Ask questions like:



We invited 10 children to the party but 4 can't come. How many children will be at the party?

"6 children."

"Why?"

"Because $10 - 4 = 6$ "

Car Number Plates:



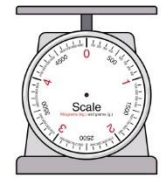
One person is "even" and the other is "odd". Chose the first or last number on a car number plates - if it is even then the "even" person scores a point; if it is odd, the "odd" person scores.

Guess and count:

Guess how many of all kinds of things, then count to check. For example: How many steps do you think it is from here to the car? Let's count and check. How many minutes do you think we will have to wait in this queue? Let's count and check. How many chips do you have on your plate?

How much?

You will need some kitchen scales that can weigh things in grams and kilograms.



- ❖ What's heavier / lighter? Weigh and compare two items.
- ❖ Ask your child to help you with the washing up! Which containers might hold the most water?

Out and about:

During a week, look outside for numbers on house doors, number plates, bus stops etc. How many can you spot? What is the biggest / smallest you can find? Can you order the numbers at the end of the week? What about sorting them in to odd / even?

Can you go on a shape hunt? Children in Year 1 should be able to recognise: *squares, triangles, circles, rectangles, cubes, cuboids, pyramids and spheres.*



How much?

Once a week, tip out the small change in your purse. Count it up with your child. Can your child identify each of the coins? Give them a total and see how many different ways they can make 10p / 20p using the coins.

What time is it?

Talk about the time at the key points in the day - "dinner will be at half past five"; "bed time is at seven o'clock"; "we will go out in half an hour - what time will that be?" etc.



Calculation at Uplands

We will teach the methods for calculation during lesson time in school. Your child's weekly homework will be based on a skill that they have been taught during the week. Please ask your child how they have been taught to complete this style of calculation. If they are unsure or you have any questions on how to support your child with specific calculations, please do not hesitate to speak to your child's teacher. You can also refer to our Calculation Policy, available on our website. Progression in KS1 is shown within the top row of each page.

<http://www.uplands-hants.co.uk/uplands-policies/>

