



JORDANS SCHOOL MATHS NEWSLETTER



We are moving onto focussing on Addition and Subtraction in our Maths lessons. This newsletter will give you an overview of the areas, together with hints and tips, to aid supporting your children's learning at home. We have given you some suggestions of home activities which will reinforce their learning in school. Please do not feel you need to do all of them! If you do carry out some mathematical work, try to focus on your child learning the following:

- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
- Add and subtract numbers using objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.
- Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- Solve word problems using addition and subtraction
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems

The information below should help you with this. Most importantly of all, please do have fun whilst learning!

MATHEMATICAL VOCABULARY

Children are expected to know and use the correct mathematical vocabulary. Along with this letter we have included a word mat which includes all the vocabulary and concepts the children will need. They also use this in school in their lessons

Words they need to know

Numbers 1- 20, ones, tens, digit, addition, add, more, and, make, sum, total, altogether, subtract, equals, take away, bonds, part-whole, bar model, fact family, relationship related facts, compare, check, inverse.

USEFUL HOME LEARNING WEBSITES

All of the websites below have a selection of useful videos, explanations and worksheets to help your children understand Addition and Subtraction.



<https://www.topmarks.co.uk/maths-games/5-7-years/addition-and-subtraction>

<https://mathsframe.co.uk/en/resources/category/9/addition-and-subtraction>

<https://www.bbc.co.uk/bitesize/topics/zwv39j6>

FUN ACTIVITIES TO DO AT HOME

Addition card game

Using a deck of cards, this game can be played with 2-4 players. Each player picks up two cards, they then need to add the two numbers together and give the answer to the sum. If they get it right, they get to keep the cards. If they don't, they have to put their cards back to the bottom of the pile. The person with the most cards at the end wins!



Create an addition machine

Create an addition machine using a shoe box and two cups with the bottoms cut out. Children roll two dice and then use the machine to work out the answer by putting balls/counters through the cups to add the two numbers together.



Addition catch

Using a ball, write addition or subtraction sums on the ball. Throw the ball to your child and pick a sum close to one of their hands to answer.



PROBLEM SOLVING—SHOPPING MATHS

After you have been shopping, choose 6 different items each costing less than £1. Make a price label for each one, e.g. 39p, 78p. Shuffle the labels. Then ask your child to do one or more of these.

♦ Place the labels in order, starting with the lowest.

Add the two of prices together.

♦ Say which price is an odd number and which is an even number.

Can they work out how much change for £1?

♦ Add 9p to each price in their head.

Take 9p off each price in their head.

