

Maths Week Commencing 27th April 2020






We do a variety of activities in school to ensure our children are confident, secure mathematicians! We think these will be suitable for home learning.





1. **Maths talk** - we give the children a picture prompt and they have to use their maths knowledge to talk about what they see. We will give you a maths picture and some questions you can ask your child, and the sort of answers we would expect in the classroom.
2. **10 frame maths** - children look at the flash cards and tell you what number they see **WITHOUT COUNTING**. They use their number knowledge, for example "I know it is 8 because there are 5 stars at the top and 3 at the bottom and $5+3=8$ "
3. **Maths explorers** - practical number activities, simple addition and subtraction using practical objects.
4. **Maths calendar** - we find out what day of the week it is and what the day will be tomorrow. We look at the number date e.g. the 15th April is number 15 and try to make that number in different ways. It might be with objects or using our addition or subtraction knowledge. E.g. 10 and 5 is 15, or 5 and 5 and 5 is 15.
5. **Hands on maths** - we always try to make our learning fun and practical. We will send you some hands on activities you can do with your child.










Monday - hands on maths	<p>Today you will need 2 cereal bowls, 1 big bowl and some small items e.g. pasta, dried chick peas, cut up drinks straws. Try to keep to the same 1 item. It will be confusing if there are different objects in the bowls.</p> <p>Estimating - this is new learning!</p> <p>Estimating means having a good, sensible guess. Sometimes we need to be able to have a good guess at a number, before we count. It can be helpful if we know what different numbers of objects look like. Let's play a game!</p> <ol style="list-style-type: none"> 1) Put all of the pasta/cheerios/lego pieces in the big bowl. 2) Close your eyes and take a handful. Have a look at it without opening your hand. Squeeze it. ESTIMATE how many pieces are in your handful. Remember, estimating is a good, sensible guess. Your hands are not big enough to hold 467 items! 3) Put them into your cereal bowl but DO NOT count them yet - that's cheating! Do you want to change your answer? 4) Count them! Were you correct? 5) Now it is the grown ups turn. <p>Have 5 turns each. You get 3 points if your estimation is correct. You get 1 point if you are very close. Grown ups get to decide whether your answer is very close or not! Keep a record of points to see who the ultimate winner is!</p> <p>If your child finds this easy, make the object a bit smaller (e.g. swap the pasta for cheerios) so they have bigger numbers to work with.</p> <p>If your child finds this difficult, keep practicing! You can swap the objects for something a little larger (e.g. swap the chick peas for lego pieces) to make it simpler.</p>
Tuesday - 10 frames	<p>What numbers can you see?</p> <p>How do you know?</p> <p>How many stars are at the top?</p> <p>How many at the bottom?</p> <p>How many empty spaces?</p> <p>How many more to make 10?</p> <p>Can you make a number sentence?</p>
Wednesday - maths talk	<p>Today's maths talk is more open ended. Please encourage your child to find as many numbers as they can in the pictures. Your child does not have to spot ALL of these, and may notice some that are not on the list.</p> <p>You can prompt your child with questions or I have noticed statements. For example, how many sides does that shape have? I have noticed each of the puppies has 2 ears, I wonder how many ears are altogether?</p> <p><u>Possible answers</u></p> <ul style="list-style-type: none"> • 2 puppies and 1 puppy make 3 puppies altogether. • Each puppy has 2 eyes, so there are 6 eyes altogether. • There are 2 flowers. • There are 5 petals on 1 flower and 6 petals on the other. That makes 11 petals altogether. • There are 2 leaves on one flower and 1 on the other. There are 3 leaves altogether. • There are 2 blue shapes. • The triangle has 3 sides. The square has 4 sides. That makes 7 sides altogether. • There are 2 dice, • The dice has 6 spots and 3 spots. That makes 9 spots altogether, • I can see 6 spots on one side of the dice and 4 spots on the other. I know that

	<p>6 and 4 is 10.</p> <ul style="list-style-type: none"> • The dice has 3 sides showing. • There are 2 die, 2 shapes and 2 flowers, but there are 3 puppies. Puppies are the odd one out.
Thursday - maths explorers	<p>Today we will be practicing subtraction. Subtraction is where we take numbers away and our answer gets smaller.</p> <p>Read these to your child one by one and try to find the answer. They might choose to use their fingers, however will need another method for numbers over 10!</p> <p>You may need to provide some practical objects so that your child can physically take something away.</p> <p>Your child might choose to put the big number in their head and count back to find the answer. E.g. for the first question, put 8 in their head and count back three, 7,6,5, so 5 is the answer.</p> <p>Your child may want to draw the items in a ten frame and scribble out the ones that are taken away.</p> <ul style="list-style-type: none"> • I have 8 sweets and I eat 3. How many do I have left? • There are 5 children on the climbing frame. 2 go home for dinner. How many are left? • There are 12 ladybirds on a leaf. 5 fly away. How many are left? • I have 15 bits of lego but I lose 7. How many do I have left? <p>If your child finds this easy, you can ask them to record it in some way e.g. drawing in a 10 frame, writing a number sentence etc.</p>
Friday - maths calendar	<p>Today is a new month!</p> <p>Months of the year song https://www.youtube.com/watch?v=5enDRrWyXaw</p> <p>Which month are we in? (May)</p> <p>Which month has just finished? (April)</p> <p>Which month is next? (June)</p> <p>What is the number for today? (1)</p> <p>Get 1 object (it could be a fork, pen, book)</p> <p>How many more objects would you need to make 5? (4)</p> <p>How many more objects would you need to make 10? (9)</p> <p>Go on a number 1 hunt! You have 3 minutes to go around your home and find as many number 1s as you can. Look on the walls, at screens, pages in books, or even labels on clothes, shoes or food packets. You can challenge your brother, sister or an adult to see who can find the most! Good luck!</p>

10 FRAME MATHS ACTIVITY - TUESDAY 28th APRIL 2020

MATHS TALK ACTIVITY - WEDNESDAY 22ND APRIL 2020

