

Pre-school Maths Workshop 1 - The Very Hungry Caterpillar

Hello everybody and welcome to St Bede's my name is Miss Boardman and I am one of the reception teachers. I am also in charge of maths teaching at our school. In our workshops we have lots of fun doing some simple maths based activities that you complete together with your child. However given this very unique time we have adapted the workshop so that you can complete it at home. Please feel free to use whatever resources you have to hand (don't go to any extra expense) and adapt the activities as you need to meet the needs of your child.

You are going to need to gather some things together before we start. You will need:

- A laptop, computer or smart phone that is connected to the internet - we're going to be using YouTube.
- Some cards or pieces of paper with numbers 0-5 or 0-10 depending on the confidence of your child - we're going to be ordering these.
- Some circles of paper to make a number track caterpillar (it's nice if these are different colours but not a necessity).
- The pack provided by school called The Very Hungry Caterpillar.
- Some coloured pencils or pens, scissors and glue.

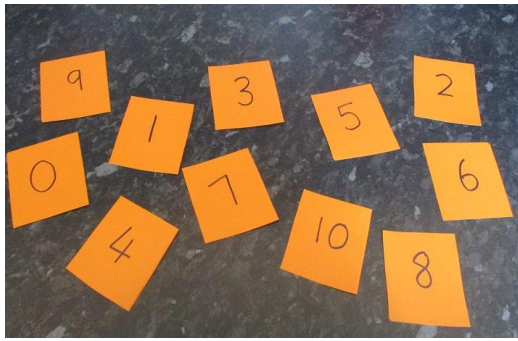
If you do not have access to the internet then do not worry. Do lots of counting together and see if you can make the caterpillar (instructions below).

Today we are going to be doing some counting together but first we are going to listen to a story. It is a story all about a caterpillar who is very, very hungry. Perhaps you have heard it before. You can find the find the story on YouTube. The link is;

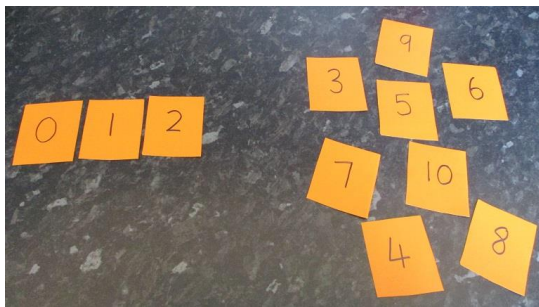
<https://www.youtube.com/watch?v=75NQK-Sm1YY>

Watch the story together and then re-watch it pausing to count the number of things the caterpillar eats such as three plums and five strawberries. Counting forwards and backwards is something you can practise together at this point too.

After that we will be ordering the little number cards or pieces of paper,



Make sure they are in random order then work together with your child to put them back in the correct order starting at zero.



If your child is still learning to recognise number shapes then draw some little circle under each number so that you can count how many each number shape represents.



Ordering numbers in this way will come in useful for the next part - making a number caterpillar.

To make the number caterpillar you will need 7-12 circles (7 for a 0-5 caterpillar and 12 for a 0-10 caterpillar). On one of the circles draw a caterpillar face. On the rest write the numbers 0-5 or 0-10 (you can write them or child can have a try).



Now we are going to stick the circles together. Start with the head and stick 0 to this.



Continue on adding the other numbers in order. You can support your child in finding the next number. Once finished you can count together and check,



Now you have made a number track caterpillar and you can use this to help when counting, writing numbers correctly (which is why you may prefer to write the numbers rather than the child) and ordering numbers. It will also come in useful for the next part. The activity booklet.

In the booklet you will find;

- missing number caterpillar
- counting sheet - count the pieces of the caterpillars body and write the number (use the number track caterpillar to help)
- tracing and counting sheet
- count fruit and match to the correct number
- complete the pattern sheet

All of the activities in the booklet are easy to complete and do not have to be done all at once. Having the number track caterpillar to hand will help when completing them but if you have not had chance to make one do not worry as the first sheet in the book (missing number caterpillar) can be used instead.

Hope you enjoyed the activities everybody. Next time we will be looking at shapes!

Pre-school Maths Workshop 2 - Mouse Shapes

Hello everybody and welcome to our second workshop. This time we'll be thinking all about shapes.

You're going to need to gather some things together before we start. You will need:

- A laptop, computer or smart phone that is connected to the internet - we're going to be using YouTube.
- The pack provided by school called My shape booklet.
- Post it notes or pieces of paper to label things around your house that are different shapes.
- Some coloured pencils or pens, scissors and glue.

Today our story is all about three little mice and the different shapes they find while escaping from the cat. You can find the find the story on YouTube. The link is;

<https://www.youtube.com/watch?v=7KKYNwmxdc>

Watch the story together and then re-watch it pausing to look at the different shapes. Say the name of the shape and encourage your child to say it too. Write the name of the name of the shape so your child can see it. Draw a picture of the shape with the name to help your child recognise it.

The shapes we are going to concentrate on are;

- circle
- square
- triangle
- rectangle
- pentagon (5 sides)
- hexagon (6 sides)

but you can also look at ovals, stars, hearts and diamonds.

After that we will be off on a shape hunt around the house. You can concentrate on one room or use lots of rooms. What shapes can you find together? Can you label them? Are some shapes easy to find? Are some shapes difficult to find? After your hunt maybe you could count up how many squares, triangles, rectangles, circles you have found

In the activity booklet you will find;

- worksheets about circles, triangles, squares, rectangles, pentagons and hexagons.
- tracing shapes
- pizza colouring sheet (you can choose what colour you want each shape to be)
- shape sorting - cut and stick the shape in the correct place.

All of the activities in the booklet are easy to complete and as last time don't have to be done all at once.

Hope you enjoyed these activities everybody. Next time we'll be looking at measurement and problem solving. You will need a toy next time (cuddly teddy or other small toy).

Pre-school Maths Workshop 3 - Kipper's Toybox

Hello everybody and welcome to our final maths workshop. For our last workshop we will be thinking about measuring and solving problems.

You are going to need to gather some things together before we start. You will need:

- A laptop, computer or smart phone that is connected to the internet - we're going to be using YouTube.
- Your cuddly toy.
- Some strips of paper (to make things for your toy).
- A paper plate (or just a circle of paper).
- Pictures of food drinks cut out for using on the plate.
- Some coloured pencils or pens, scissors and glue.

If you do not have access to the internet then do not worry. You can make the things for toy (instructions below).

Today our story is all about a dog called Kipper and how something has been nibbling his toy box. I wonder what it is? You can find the find the story on YouTube. The link is;

https://www.youtube.com/watch?v=MyHXxH_Vq4g

Watch the story together and then re-watch it pausing to look at the different toys. Talk about the size of the toys and how some are long, wide, short etc.

Now we are going to look at your toy. Talk about the parts of the toy, the arms, legs, body, head (I know some toys may not have legs, or may have lots of them, but think about the size of eyes, ears etc, too). You are going to be using the strips of paper now to make a hat and belt for your teddy. First put a pattern on your strips. You might use shapes, like we used last week, or colours, or flowers. You can choose.



Get your toy ready!

Can you make your toy a belt and a hat?

Put a pattern on them.

Will you use different colours or shapes in your pattern?

Make sure it fits your toy

Then you are going to use the strips to wrap around your toys head to make a hat. If your toy is small you'll need to cut the strip to make it the correct size. If it is a big toy you may need to stick two or more strips together.

Next you are going to use the strips to make a belt for your toy. You might put a different kind of pattern on the belt. Don't forget to measure and stick it like you did with the hat.



A treat for your toy

Can you make a plate of food for your toy?

Your toy wants:

a sandwich

a drink

2 pieces of fruit

a treat (like a cake)

Teddy would like at least 7 things to eat. Don't forget a knife, fork and spoon!

Now it is time to solve a problem. We are going to make your toy a plate of food using the food and drink pictures. Can you get the plate just like your toy wants it? (see the list above)



Well, I hope you have enjoyed completing all these activities. We are all looking forward to you starting school and being part of St Bede's Catholic Infant School. We hope you have a lovely summer. Take care and we will see you soon.

Miss Boardman