



Maths and Numeracy Activities

We are looking at days of the week, sorting and doubling and halving this fortnight. The activities are based on the story 'The Hungry Caterpillar'. You can dip in and choose an activity you feel suits, it is entirely up to you.

wc 15 June Activities:

Activity 1 - Days of the Week


In the story the caterpillar eats different food on different days. Do you know how many days there are in a week? Can you name them in the correct order? Here are some songs that are great for remembering the correct order.

<https://youtu.be/oKqAblcwFOA>

<https://youtu.be/mXMofxtDPUQ>

Activity 2 – Fruit Bowl Sorting

Starting with a Story Reception



Fruit Bowl

Explore your fruit bowl and look at what's in it!
How we can sort it? What groups have you got in there?
How can you combine these to make some maths problems?

Talking Together

Explore your fruit bowl. How many of each fruit have you got in there? Can you look at different ways of combining amounts? For example what number do you get when you combine apples



and bananas? Lemons and limes?

How many bananas would

I have if I had one less?



Take it further and make some fruity patterns! What will be my next fruit?



White
Rose
Maths

Talking Together

Make a list of your favourite fruits. What will be number 1? Could you work out which fruit is the most popular in your house?

Which fruit will be the winner?

Is all your fruit in the bowl? I hope there isn't any evil fruit in the freezer!



Starting with a Story

Reception



Caterpillar Lunch

The hungry caterpillar eats far too much. Have some fun working out how many things he ate on 2 different days! Combine groups to make a lunch for a growing caterpillar.

Talking Together

Start with combining the fruits. For example plums and apples.
Could you add 3 groups? Could you add in some of the other
food?



Then take this further and



discuss which days you want to combine! For example how many
pieces of fruit would he eat if he ate on Wednesday and Friday?



On Wednesday he ate
through three plums,
but he was still hungry.




On Friday he ate through
five oranges but he was
still very hungry.



wc 22 June Activities:

Activity 3 - Picnic Time: Sharing, Halving and Doubling

Starting with a Story Reception



Picnic Time
Have a look and see if you have any of the food the hungry caterpillar has to eat and make a picnic! Think about what you will need and how many people are going to come. (Psst... it could be a picnic in the living room!)

Starting with a Story Reception

**Talking Together
Planning**

So for a proper picnic grown ups help us to get together what we will need. How many plates or napkins. What food shall we take?
Do you need to make a plan or a shopping list.
Is there anything the Hungry Caterpillar ate that you haven't tried before?
For example. Have you tried a pickle?

Starting with a Story Reception

Talking Together - Halving and Sharing

Enjoy getting your things out for your picnic how are you going to share your food? To halve things we need to share into 2 equal groups. Have a look here. Have these 2 children each got the same? Look closer.

If there are more people at the picnic, let's say 3, how many sandwiches could they have each? How will you share things for your picnic?

White

Activity 4 - Challenges

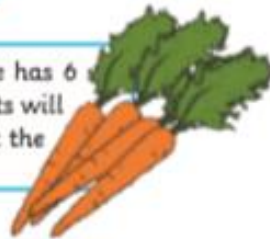
Try some of the challenges below. There is a section on sharing, halving and doubling. You could focus on one section a day and go back and re visit to consolidate.

1. Sharing Challenge

Solving Problems - Sharing

Home Learning Challenges

Abed has 3 rabbits who love eating carrots. He has 6 carrots to share between them. How many carrots will each rabbit have? Draw 3 rabbits and share out the 6 carrots to check.



A squirrel collects 10 nuts to share between her 5 babies. How many nuts will each baby have? Draw the nuts to check.



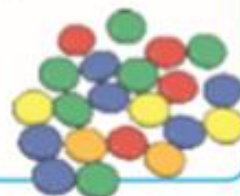
Share out 15 biscuits between your favourite 5 toys. How many biscuits does each toy have? Is it fair?

If a packet has 20 sweets in and you share them equally between you and 3 friends, how many will you get each? Draw 20 sweets on a sheet of paper, equally sharing them into the 4 corners of the paper. Count how many are in each corner.



Cut up an apple into 8 slices. If you shared it equally between yourself and a friend, how many pieces would you have each?

Make a cake for some friends and share it out. If you cut it into 12 pieces and there are 4 people, how many slices could each person have?



2. Halving Challenge

Solving Problems - Halving

Home Learning Challenges

April made 6 cupcakes and ate half of them. How many did she eat? How many did she have left? Can you draw a picture of the cupcakes April had left?



Count out 10 sticks or stones. Put half into the soil for animals to hide under and put half in a wooden box for an insect home. How many do you have in the box? How many in the soil?



Draw 8 bottles of paint on a classroom shelf. Colour half the paint bottles in blue. How many are blue?

If there were 16 cars in a car park at lunchtime and half were driven away, how many would be left in the afternoon? If you have some toy cars, you could work it out using those.



There are 22 footballers on a field and half of them are wearing red. How many footballers are in red? Draw 22 T-shirts and colour half in red to check.



There are 12 children in Mrs Peacock's class. Half of the children are girls. How many are girls? How many are boys?

3. Doubling Challenge

Solving Problems - Doubling

Home Learning Challenges

If a ladybird has 4 spots on one side and 4 spots on the other side, how many does she have in total? Double 4.



Collect 9 sticks. If you found 9 more, how many would you have altogether?



Collect 3 leaves outside. Collect 3 more. How many do you have altogether?



Draw 7 caterpillars on a large leaf. Double the amount. How many caterpillars are there in total? Draw all the caterpillars and count them to check.



Jordan made 6 cupcakes for her class, but she needs to make more. There are double that number of children in her class. How many cupcakes does she need in total? Can you make that many cupcakes?

Some preschool children visit your class for an afternoon. There are usually 10 children in your class but today there are double that amount. How many children are there altogether?

