## Maths and Numeracy Activities

We are returning to our addition and subtraction theme this week and revising doubling and halving from last week. Feel free to adapt the activities to your child's ability and always feel free to email us if you want any help with any of the activities for your child.

wc 29 June Activities:

Activity 1: Fruit Subtraction

First read, or listen to the story Handa's Surprise on YouTube:
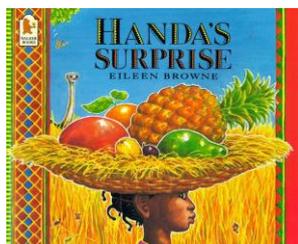
At the start of the story Handa put 7 pieces of fruit in her basket. Can you go and get 7 items from around your house? You can use different fruit or toys, stones etc.

Work through these questions with your child. Encourage them to think of the answer in their head before they take the items away from the pile to check if they are right:

1. **Handa has 7 pieces of fruit. The monkey takes the banana. How many pieces of fruit are left?**
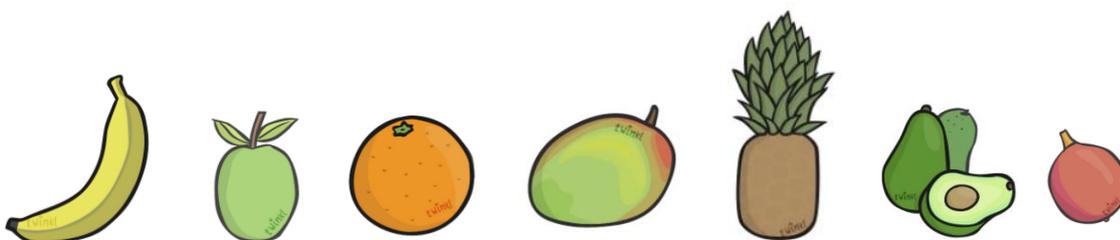
Extension: Write out and answer this number sentence:

7 – 1 =

2. Handa now has 6 pieces of fruit in her basket. The ostrich comes and takes away the guava. How many pieces does she have left?
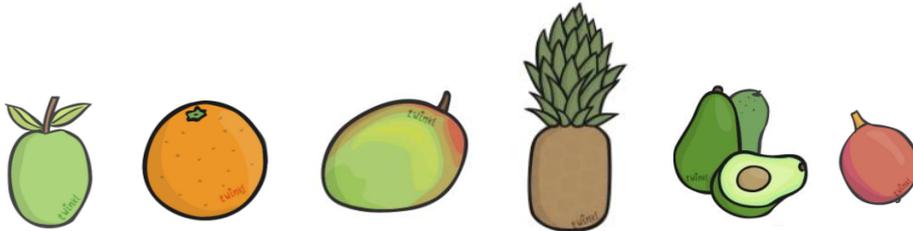
Extension: Write out and answer this number sentence:

6 – 1 =

3. Handa now has 5 pieces of fruit in her basket. The zebra comes and takes away the orange. How many pieces does she have left?
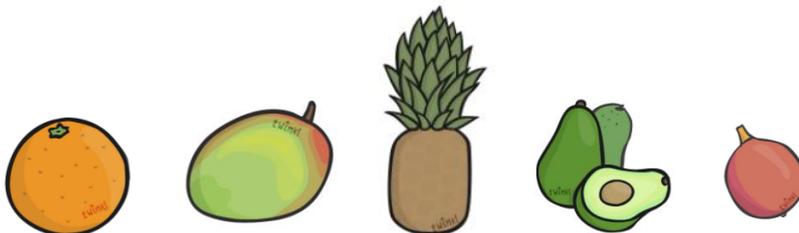
Extension: Write out and answer this number sentence:

5 – 1 =

4. Handa now has 4 pieces of fruit in her basket. The elephant comes and takes away the mango. How many pieces does she have left?

Extension: Write out and answer this number sentence:

$4 - 1 =$

5. **Handa now has 3 pieces of fruit in her basket. The giraffe comes and takes away the pineapple. How many pieces does she have left?**
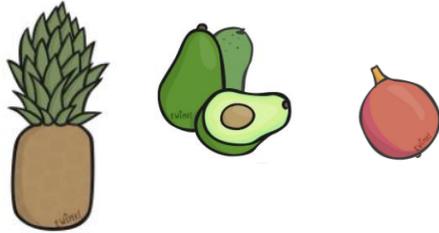
Extension: Write out and answer this number sentence:

$3 - 1 =$

6. **Handa now has 2 pieces of fruit in her basket. The antelope comes and takes away the avocado. How many pieces does she have left?**

Extension: Write out and answer this number sentence:

$2 - 1 =$

7. **Handa now has 1 piece of fruit in her basket. The parrot comes and takes away the passion-fruit. How many pieces does she have left?**

Extension: Write out and answer this number sentence:

1 – 1 =

Talk about how zero means the same as nothing.

Activity 2: Fruit Addition

Put your 7 items on the floor/table in front of you.

Try these questions together:

1. You have 7 pieces of fruit. If you had 1 more piece how many would you have altogether? Go and get another item and add it to your pile.

Extension: Write out and answer this number sentence:

7 + 1 =

2. You have now got 8 pieces of fruit. If you had 2 more pieces of fruit, how many would you have altogether? Go and get 2 more items and add them to your pile.

Extension: Write out and answer this number sentence:

8 + 2 =

3. You have now got 10 pieces of fruit. If you had 1 more piece of fruit, how many would you have altogether? Go and get 1 more item and add them to your pile. Take care to touch each item when you count it to make sure you don't leave any out. Tip – start counting on from the last number you know to be correct, eg count on from 10 and just touch count the new items.

Extension: Write out and answer this number sentence:

10 + 1 =

4. You have now got 11 pieces of fruit. If you had 4 more pieces of fruit, how many would you have altogether? Go and get 4 more items and add them to your pile. Take care to touch each item when you count it to make sure you don't leave any out. Tip – start counting on from the last number you know to be correct, eg count on from 11 and just touch count the new items.

Extension: Write out and answer this number sentence:

11 + 4 =

5. You have now got 15 pieces of fruit. If you had 2 more pieces of fruit, how many would you have altogether? Go and get 2 more items and add them to your pile. Take care to touch each item when you count it to make sure you don't leave any out. Tip – start counting on from the last number you know to be correct, eg count on from 15 and just touch count the new items.

Extension: Write out and answer this number sentence:

15 + 2 =

wc 6 July Activities:

This week we will be continuing with the doubling and halving we started last week.

Activity 3: Halving Fruit for Two Parrots

Have a look through this short parrot PowerPoint that explains halving to the children as sharing a pile of fruit into 2 equal piles. Each parrot gets half the fruit each – talk to your child about how this is fair – if there are 2 children, or 2 parrots, you split the pile in half and each parrot or child gets the same amount each. Half of 8 is 4, half of 6 is 3, half of 4 is 2 and half of 2 is 1:
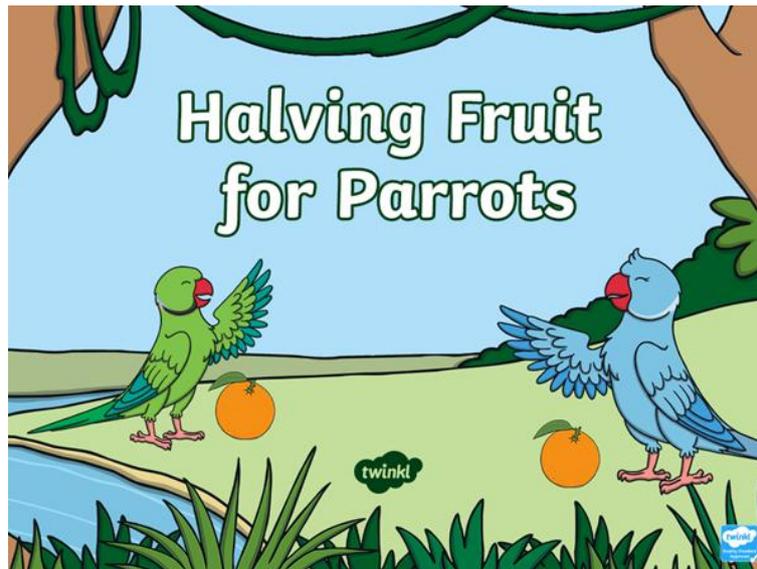
Here is the same file as a pdf in case you don't have powerpoint:
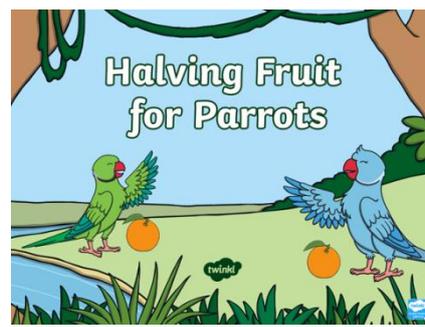
Collect and even number of items and 2 toys. Ask your child to halve the items by sharing them evenly between the two toys. Try again with different numbers of items but make sure it's always an even number (2, 4, 6, 8, 10 etc).

Activity 4: Doubling spots on ladybirds

Remind your child that doubling is when you get the same number of items AGAIN. So if you have 2 apples and you double it you would have 2 plus another 2 = 4. If you have 4 oranges and you double it you would have 4 plus another 4 = 8.

Try these doubling challenges on the ladybirds – count and double the spots together on screen, or draw them out on a piece of paper for your child:

Ladybird Doubles
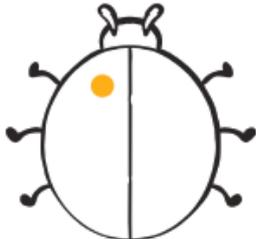
Double 1 is _____

Double 2 is _____
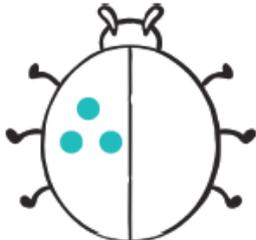
Double 3 is _____
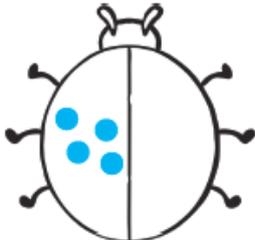
Double 4 is _____
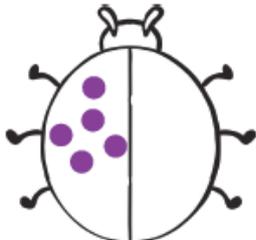
Double 5 is _____

Can you gather some items from around the house and play some doubling games together? Challenge your child to double up the number of items they have by matching each one, one by one, to another item. For example, 4 lego blocks, place 1 lego block next to each one of the 4 to double up to 8: