

Estimation station

Collect large sets of small objects and use them to practise your estimation skills.

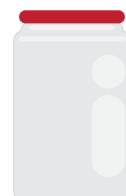
You could collect...

pasta pieces, marbles, small bricks, straws, buttons etc...



Put them in separate jars, cups or bowls.

Now, estimate the number of objects and line up the containers from most to least.



Check your answers by counting out the objects.

Let's do this!



You can also estimate how many of each object you think would fill each container.



Choose a set of objects Put them into groups of 2, 3, 5 or 10. Practise counting in these multiples.

Challenges

Can you fill a container with exactly 100 items?

What is the most amount of objects you can fit in the biggest container?

What is the least amount of objects you can fit in the biggest container?

First to 100

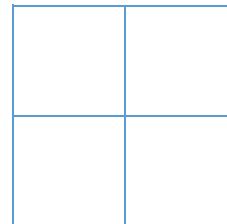
This is a fun game you can play with your family.

All you need is set of cards / pieces of paper with the numbers 0-9 for each person and a 2×2 grid.



Lay your cards face down on the table.

Turn over one card each... Now, decide in which box you will write your number.



Repeat until all 4 boxes are filled. You now have two 2-digit numbers.

Add them together - the winner is the closest to 100!

Let's do this!



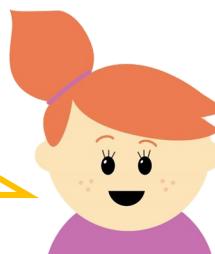
Change the task to see who can make the biggest or smallest number total.



Can you make a total that is the closest to 50?



You could change the task to make an odd or even number total.



Could you make a tens number total?

Pictograms

There is data all around you, why not use it to create different pictograms?

When you go for a walk or look out of your window, you could count...

- ◆ the different type / colour cars you see
- ◆ the different colour front doors you pass
- ◆ the different animals / trees / road signs that you see

Decide how you will present your information.

How will you represent the objects? (You could use shapes or pictures)

Colour of cars in Anytown

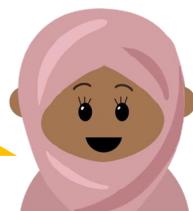
Red	● ● ●
Blue	○ ○
Silver	○ ○ ○ ○
Black	● ● ● ○

○ = 2 cars

Let's do this!



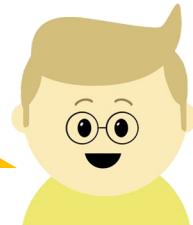
When you have created your pictogram, use the data to make questions to ask your family.



Use this sentence...
How many _____ in total?



How about this sentence...
How many _____ and _____ altogether?



You could ask this sentence too...
How many more _____ than _____ are there?



YR2 Home Learning Activities - Maths Set 2

KEY

$$\boxed{} = \underline{\hspace{2cm}}$$

KEY

$$\boxed{} = \underline{\hspace{2cm}}$$



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