

LEARNING FROM HOME

Maths - Week beginning 29.6.20

This week our maths focus is: **Estimation and problem solving**. We are going to be exploring what estimation means and learn how to make a sensible guess. We will also be trying to solve word problems.

1. What is estimating? In maths estimating is finding a number that you think is **closest** to the right number. See 'Estimating introduction' document for more examples of estimation.



2. Estimating activities: Have a go doing some estimating for yourself. See the accompanying worksheets for ideas.

Sweet Shop Estimation
Guess the amount of sweets in the jar. Then count the sweets and write down the answer.

Maths: Estimating and Checking
Home Learning Challenge
Estimating is having a good guess at how many objects there are. Good estimates are really near to the actual amount. The more you practice, the better at estimating you will get!

Place some small fruit such as grapes or raisins into a small, clear bag or box. How many do you think there are inside? Estimate how many there are and then open the bag/box to count the items. How close was your estimate?

Ask a grown-up to help you cut some food into pieces. You could cut a cake, a pizza, or an orange. Estimate how many pieces you can see and then count them to check. How close was your estimate to the actual amount?

When shopping with a grown-up, try estimating the number of items in different packages or groups. For example, estimate how many bananas are in a bunch, how many cakes in a packet or how many flowers in a bunch. Then carefully count each item making sure you point to each one as you count.

Make a collection of 10 pebbles and put them in a bag or box. Take a few out and put them on the floor. Can a friend or grown-up

Estimate _____
Answer _____

Estimate _____
Answer _____

Estimate _____
Answer _____

3. Estimating games: Try some online games

<https://www.theproblemsite.com/games/guess-it>

https://www.abcya.com/games/how_many_marbles_estimation

4. Recap your maths skills by completing the activity cards:

Exploring Patterns

Can you complete the pattern?
○ ○ ○ ○ ○
What shape comes next?

Which picture would come next?
Circles in a row.

Which brick would come next in the pattern? Circle it.

Which bead would complete the pattern? Circle it.

1 2 3 4 5
6 7 8 9 10

5. Word problems: Can you solve these addition and subtraction word problems?

Addition and Subtraction Word Problems Challenge Cards

1. If you have 20 balloons and 30 more come, how many balloons would you have left?

2. If you have 72 rubber ducks and you give another 10 from every rubber duck, how many would you have?

3. If you have 100 flowers and give 24 of them away, how many would you have left?