This week we are focusing on

Division

(worksheets attached)

Monday

Today we are going to revisit our learning on division using sharing. We have already learned to divide a whole number by sharing it between a given number of groups, either solving a number sentence (10 ÷ 2 = 5) or a worded problem e.g. If I have 10 sweets and I share them between 2 children, how many sweets would each child have?

Watch the Seesaw clip to remind yourself of how we use resources and pictures to support the solving of division problems. Complete Monday's task attached below.

Tuesday

Today we are going to revisit our learning on division using grouping. The number sentences for grouping are exactly the same as for sharing (10 ÷ 2 = 5) but the concept is different. For these worded problems we know how many 'things' are given to a person/group, the answer is how many groups there are e.g. I have 10 sweets and I give 2 to each child. How many children get sweets?

Watch the Seesaw clip to understand the difference in recording our working out and complete Tuesday's task attached below.

Key learning area:

To understand division as sharing a whole between groups

To understand division as grouping in known amounts

Application: Concrete, pictorial, abstract

To solve problems involving division.

Thursday

Today we would like you to make your own word problems using the number sentences attached. You will need to decide if your problem is going to be a sharing or grouping problem.

For example: 10 ÷ 2 =

I have 10 socks and I put them into pairs. How many pairs of socks do I have?   GROUPING

I have 10 apples and I share them into 2 baskets. How many apples in each basket?   SHARING

Make sure you have a go at creating some of each. When you have finished, see if your grown up can solve them!

Friday

Today we are going to solve a mixture of division problems, using the methods that we have been practising this week. Have a look at the Seesaw clip to help you understand what the problems are asking you to do, then solve each one by writing and answering the number sentence. Don't forget to show your working out!

Remember to share anything you have done on SeeSaw!

Extra Online Activities –

Top Marks – Division

Doggy Division

Oak Academy

Sharing   Grouping

Monday

Kian has 20 football stickers. He shares them between his 2 friends. How many stickers do they get each?

Lottie has 25 sweets. She shares them between 5 children. How many sweets does each child get?

Katie has 15 dolls. She shares them between 3 of her friends. How many dolls do they have each?

There are 30 books in total and they have to be packed equally into 10 boxes. How many bookswill be in each box?

10 flowers are shared between 2 vases. How many flowers go in each vase?

The milkman has to deliver eighteen pints of milk between three houses. How many pints will each house get?

Tuesday

Doughnuts are sold in a box of 10. Two doughnuts are given to each person. How many people can be fed?

There are _____ doughnuts.

There are _____ doughnuts for each person.

The box will feed _____ people.

Sam has 40 biscuits and 4 can fit on each of his plates. How many plates will he need to serve them?

There are 30 children in a class and 5 children can sit together on each table. How many tables are in the classroom?

I have a 50p and I give my friends 5p each. How many friends get some money?
12 people need a lift to the party but the car can only hold 2 at a time. How many trips do I make to get them all there?
A cook has 15 eggs, she needs three eggs to make a cake. How many cakes can she bake?

Thursday

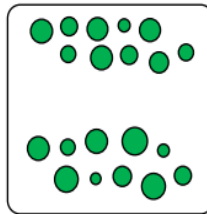|	
15 ÷ 5 =	12 ÷ 6 =
24 ÷ 2 =	30 ÷ 10 =
18 ÷ 3 =	6 ÷ 3 =

Friday

1. Match each representation to the correct calculation.
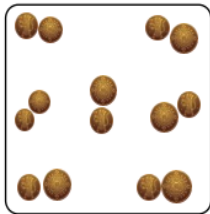
18 ÷ 6 = 3

20 ÷ 2 = 10

14 ÷ 7 = 2

3. Isaac and Mia are making equal groups by sharing. Is Mia correct? Explain how you know.
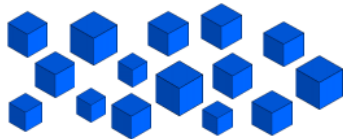
Isaac: I share 16 into two groups. Then I share those groups into two more groups.

Mia: I share 16 into four groups. My answer is the same as Isaac's.

5. True or false?

Kenyon: If I put the cubes into groups of 5 and the counters into groups of 2, there will be the same number of groups for each object.

6. Tana has 25 marbles. She wants to make equal groups and put them into jars.

Should she buy 2, 5 or 7 jars? Explain your answer.