

Year 1 Maths

Week 4
11/5/20

Information for Parents and Carers.

At St Catherine's we follow the Mathematic programme 'White Rose Maths'. White Rose Maths have set up a series of daily lessons for your child to follow at home.



Each week you will find five lessons, one for each day. Every lesson comes with a short video for you to watch and discuss with your child. We recommend you pause the video at certain points to allow for discussion and questioning. After each video there is an activity for your child to complete with your support. You may want to print this off or work from the screen and write your answers on a separate piece of paper. Each lesson should take approximately 20 minutes.



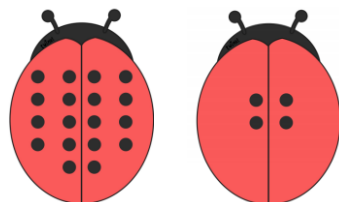
Look out for our 'Helpful Tips' on each slide. We have added a little more information about how you can support your child at home with each lesson. 😊

Week 4

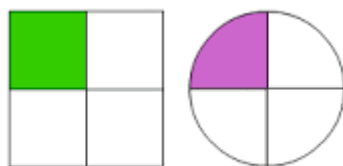
Hello Year 1!

This week we will be:

1. Halving



2. Finding a quarter



3. Problem solving



St Catherine's Classroom Beliefs

- Mistakes are valuable.
- Everyone can learn maths to the highest level.
- Questions are really important.
- Depth is more important than speed.
- Maths is about making connections.



This PowerPoint includes five Maths sessions for you to complete this week.

Adults please note, this week we are completing Summer Term - Week 2 (w/c 27.4.20) on the website. Please ignore the date. We are following the sequence of learning from the point we are at. Thank you 😊

Lesson 1 - Find a half (2).

Lesson 1 - Find a half (2)



Get the Activity

Lesson 1 - Y1 Summer Block 2 WO2 Find a half (2) 2020

Get the Answers

Lesson 1 - Y1 Summer Block 2 ANS2 Find a half (2) 2020

1. Watch the video clip with your adult.

Adults - Please pause the video to answer the questions and discuss the pictures 😊

Each video clip now starts with four 'Flash back' questions.
These are designed to recap on previous learning.

2. Complete the activity with your adult.

Adults - Please read through the questions with your child. They are not expected to do this on their own 😊

3. Check your answers by clicking on 'Get the Answers'.

Click this link to get started:

<https://whiterosemaths.com/homelearning/year-1/>

Lesson 1 - Find a half (2).

Colour half of each group.

a)



For an extra challenge, you could draw the stars again and show a different way of colouring half.

Helpful
Tips!

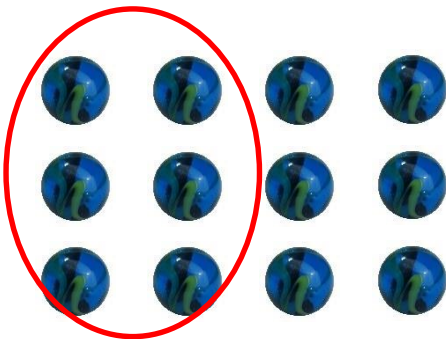


e.g. Half of

12

is

6



Encourage your child to circle the objects to help them.

4

Complete the sentence.

7 is half of



Don't forget to use objects to help you! Discuss what halves are again. If 7 is one half, we need to make another group of 7 to work out the whole.

Lesson 2 - Find a quarter (1).

Lesson 2 - Find a quarter (1)

Flashback 4 Year 1 | Week 4 | Day 2

1) The children get into groups of 2. How many groups will there be? 4 groups

2) Write 2 calculations to describe the array.
 $2 + 2 + 2 + 2 = 8$
 $4 \times 2 = 8$

3) The orange weighs ___ cubes.

4) Find 10:20 of 10 and 9

Get the Activity

Lesson 2 - Y1 Summer Block 2 W03 Find a quarter (1) 2020

Get the Answers

Lesson 2 Y1 Summer Block 2 ANS3 Find a quarter (1) 2020

Follow the same instructions as yesterday, but with lesson 2.

Click this link to get started:

<https://whiterosemaths.com/homelearning/year-1/>

Helpful
Tips!



Discuss the term **equal** together. Equal means the same. Remember that to have quarters, we need **4** equal pieces.

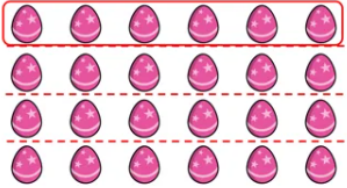


For this question you could draw the shapes, cut the pieces out and lay them on top of each other to show which are the same (equal) and which are not.

Lesson 3 - Find a quarter (2) .

Lesson 3 - Find a quarter (2)

Can you find one quarter of the Easter eggs?



09:10 The half of 24 is 12
One quarter of 24 is 6

 **Get the Activity**

Lesson 3 - Y1 Summer Block 2 WO4 Find a quarter (2) 2020

 **Get the Answers**

Lesson 3 Y1 Summer Block 2 ANS4 Find a quarter (2) 2020

Follow the same instructions, but with lesson 3.

Click this link to get started:

<https://whiterosemaths.com/homelearning/year-1/>



2 Complete the sentences.

a) Half of 12 is

A quarter of 12 is

b) Half of 16 is

A quarter of 16 is

c) Half of 8 is

A quarter of 8 is

What do you notice?

Use objects to help you with this question.
Remember you need two equal groups when finding one half and four equal groups when finding one quarter.

Lesson 4 - Problem Solving.

Today, instead of watching the video, we would like you to have a go at the activity below.

What number could be behind each star?

This problem has lots of possible answers. How many can you think of?

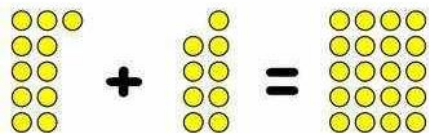
Use objects to help you if you are unsure.

Would a system help?

 +  = 20

Example:

$$11 + 9 = 20$$



Here are all the possible answers to the problem:

Number Bonds to 20

$$0+20 = 20$$

$$11+9 = 20$$

$$1+19 = 20$$

$$12+8 = 20$$

$$2+18 = 20$$

$$13+7 = 20$$

$$3+17 = 20$$

$$14+6 = 20$$

$$4+16 = 20$$

$$15+5 = 20$$

$$5+15 = 20$$

$$16+4 = 20$$

$$6+14 = 20$$

$$17+3 = 20$$

$$7+13 = 20$$

$$18+2 = 20$$

$$8+12 = 20$$

$$19+1 = 20$$

$$9+11 = 20$$

$$20+0 = 20$$

$$10+10 = 20$$

Do you notice a pattern?

Using a system can help 😊

Lesson 5 - Problem Solving.

Today, instead of watching the video, we would like you to have a go at the activity below.

This problem has lots of possible answers. How many can you find?
Would a system help?

Here are some digit cards.



**Mary makes a 2-digit number using
two of the cards.**

How many different numbers can she make?

Answers:

Mary can make 6 different numbers.

14

15

41

45

51

54

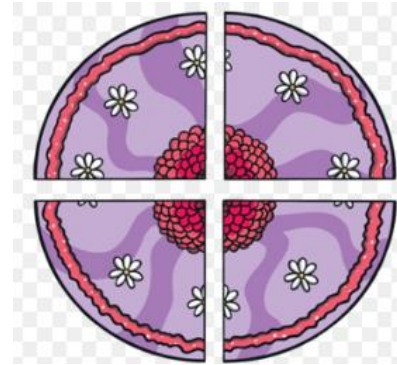
Week 3

Here are some practical (non-screen) 'quarters' activities you may want to try at home.

Use Lego bricks to make a tower. Can you halve it? Split it into quarters?



Watch your adult cut a sandwich or cake in half and then into quarters. How many equal parts are there?



Find an object in your house to share in half and quarters with a family member. E.g. a chocolate bar, an orange, some sweets.

Week 3

We advise you follow the White Rose Mathematics learning sequences in Year 1, as outlined in this PowerPoint.

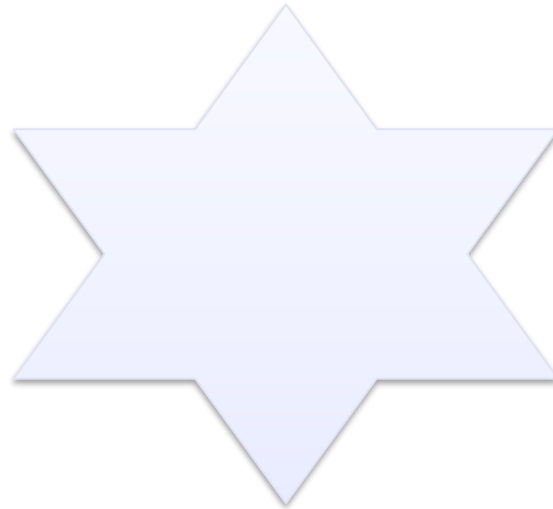
If you are looking for more Maths work you can find a mixture of interactive activities on the MyMaths website. We do not expect you to do this as well as the White Rose Math lessons. This is purely 'extra' should you want it 😊

<https://www.mymaths.co.uk/>



If you have had a go at some or all of the tasks...

Well done!
We are really proud of you.



Have a lovely weekend.