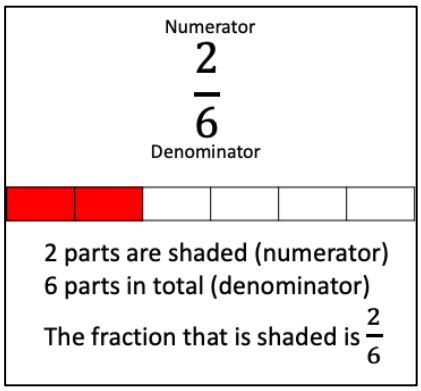
MATHS – 2 Weeks commencing 1st June 2020

DAY 1 – FRACTIONS REVISION

This week I would like you recap what you know about Fractions! I know that some of you are very confident identifying different fractions, adding fractions with the same denominator and finding equivalent fractions. It's been a little while since we did this in the classroom though, so time to revise and recap (and show your parents what you can do!)

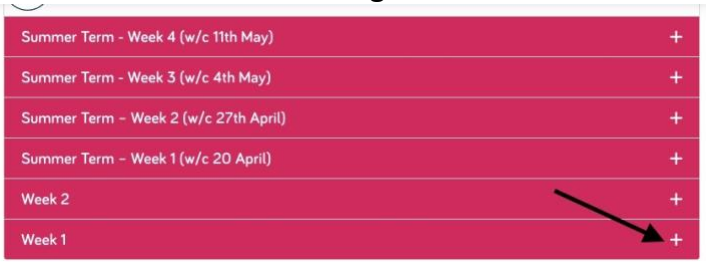
DAY 1 - STARTER: As a warm up, work through the activity I have set you in **Mathletics**: Model Fractions.
(please let me know if you don't have your mathletics log in)

Remember:
Numerator *(the number at the top of the fraction which tells you how many parts)*
Denominator *(the number at the bottom of the fraction which tells you how many parts the whole has been shared into)*

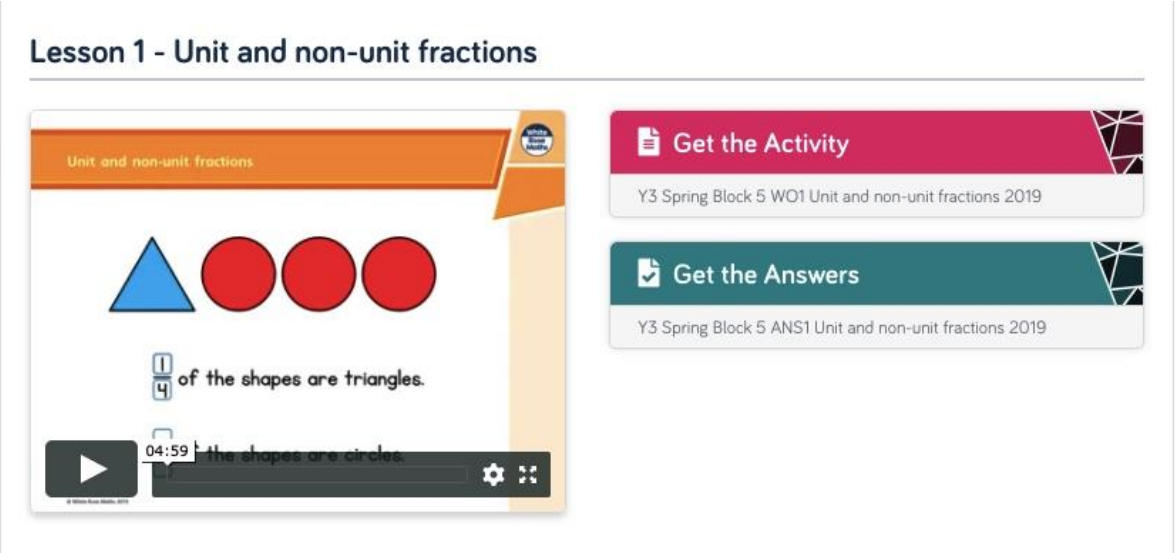


DAY 1 – DAY 5 ACTIVITIES:
(If you can, I would suggest that you go on line and watch the short animated video that accompanies each lesson. They are a very clear reminder of what we have explored in class and might help you if you need reminding what to do. If you really want to challenge yourself (and are feeling confident!), you could skip the video and go straight to the activities.)

The website for the videos is
https://whiterosemaths.com/homelearning/year-3/
You will then need to click on the pink tab right at the bottom of the page that says WEEK 1 and click on the + sign



If you scroll back up to the top, you should then see:



The lesson videos follow the lesson activities I have included in the pack this week – so lesson 1 is Day 1!

DAY 1 – Unit and non-unit fractions *(remember – a unit fraction has 1 as its numerator)*
DAY 2 – Making the whole
DAY 3 – Tenths
DAY 4 – Count in tenths
DAY 5 – Tenths as decimals *(This is a bit of new learning. The video will really help you if you are stuck… but you have your fantastic knowledge of place value to help you! I know you can do it!)*

You do not need to print out these sheets unless you want to. Where it says to 'shade' a section, you should copy neatly, using a ruler if you have one or something with a straight edge. This is good practise and will help you remember to **USE A RULER FOR ALL LINES!!** (I'll bet you've missed me saying that!?)

DAY 6 – IDENTIFYING LINES
This week we are gong to have a think about our knowledge of 2D and 3D shapes.
To begin with, we need to revise some of the properties of shape, so we'll start with LINES

Before you start, look in your learning pack for DAY 6 – LINES SLIDES. Look at this document to remind yourself of the different types of lines that you know and the maths language we use to describe different lines. (CHALLENGE: can you name any different types of lines before you open the slides?)

Next, work through the activity In your pack DAY 6 – IDENTIFYING LINES. If you managed to do this quickly and would like some extra practice, try DAY 6 – EXTRA PRACTICE, or you could look around the room you are sitting in and see how many horizontal, vertical, perpendicular and parallel lines you can see. If it's a nice day, you could go outside and do the same!

DAY 7 – IDENTIFYING AND DRAWING LINES

DAY 7 ACTIVITY 1:
Work through the activities in DAY 7 – DRAWING LINES. (For the first question, don't worry if you haven't printed the sheet out – you can just identify the lines and point to them on the screen).

DAY 7 ACTIVITY 2:
Using a ruler (or something with a straight edge like the side of a hardback book), write your name in large CAPITAL LETTERS.

Write it quite big, so each letter is about 3-4 cm tall.

Then, do the following, find some coloured pencils or pens and do the following:

- draw over any horizontal lines with one colour
- draw over any vertical lines with another colour
- mark all the perpendicular lines by marking the right angle they make at the intersection
- mark all the perpendicular lines with arrows going the same way.

See my example in the home learning pack DAY 7 – ACTIVITY 2 EXAMPLE

DAY 8 – RIGHT ANGLES

Remember this ? The Angle Eater! If the angle is too big, he can't fit it in his mouth; if it is too small, there is room in his mouth and he'll stay hungry. If the angle fits perfectly, it is just RIGHT (a right angle!).

Today you're going to be revising right angles. Remember – an angle is the measurement of a turn and a right angle is a very special angle that is a quarter turn. If you think of a clock, it's like the turn of a hand from 12 to 3 or from 6 to 9 for example. Right angles can be found all around you – the corner of the screen you are looking at now, or the page you have in front of you!

DAY 8 – ACTIVITY 1
You need to set a timer (perhaps ask a grown up to help you by timing you on a mobile phone). You have one minute to find and write down as many right angles you can see in the room, without moving from your seat…..3, 2, 1…..GO!

When your minute is up, take a sheet of paper or a book and visit each of the angles on your list to check that they are right angles. Remember, you need to put the corner point of your paper or book into the corner of your angle. If it fits perfectly, with no gaps or overlapping, it's definitely a right angle! E.g:

DAY 8 – ACTIVITY 2
Complete the sheet in your learning pack: DAY 8 – IDENTIFYING RIGHT ANGLES AND ANSWERS

DAY 9 – FINDING RIGHT ANGLES

Complete the activity DAY 9 – FINDING RIGHT ANGLES. (You do not need to print the sheet – you can either use the highlighting tools in the document or just point to the right angles on the screen)

If you are feeling confident, next try DAY 9 – ANGLE SORTING

If you are struggling to find the right angles, log into **Mathletics** and see the assignment I have set: RIGHT ANGLE RELATION

DAY 10 – CHALLENGE TIME!

Now it's time to recap and practise everything you know!

Choose your challenge from your learning pack – either SPICY or HOT

SPICY – Choose DAY 10 - ANGLES CHALLENGE – SPICY from the learning pack.

HOT – first work through the slides DAY 10 – HOT SLIDES. Next work through the activities in HOT ACTIVITY. Choose either column a or column b (either the left or right hand side questions). You can check your answers at the end.

Remember, its sometimes helpful to stand up and turn your body when trying to find out answers to angle questions!