Shotton Hall Primary School
Working together to
S H I N E
Successful, **H**appy, **I**nspired and **N**urtured towards **E**xcellence
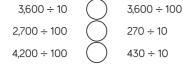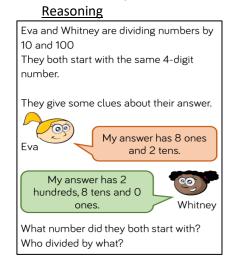
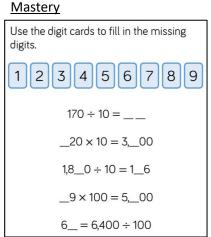**Year Four 20/5/20**

Maths

Today we are going to divide whole numbers by 10 and 100. When we divide, our number will get smaller therefore we have to move the digits to the RIGHT this time. Remember ONE place when dividing by 10 and TWO places when dividing by 100. See additional resource for help.

Fluency

Divide by 10	Divide by 100
1. 80	1. 500
2. 700	2. 200
3. 450	3. 4900
4. 840	4. 7100
5. 7430	5. 9000
6. 5300	6. 3000

Use <, > or = to make each statement correct.

$3,600 \div 10$ ◯ $3,600 \div 100$

$2,700 \div 100$ ◯ $270 \div 10$

$4,200 \div 100$ ◯ $430 \div 10$

Reasoning

Eva and Whitney are dividing numbers by 10 and 100
They both start with the same 4-digit number.

They give some clues about their answer.

Eva: My answer has 8 ones and 2 tens.

Whitney: My answer has 2 hundreds, 8 tens and 0 ones.

What number did they both start with?
Who divided by what?

Mastery

Use the digit cards to fill in the missing digits.

1 2 3 4 5 6 7 8 9

$170 \div 10 = \_\,\_$

$\_20 \times 10 = 3,\_00$

$1,8\_0 \div 10 = 1\_6$

$\_9 \times 100 = 5,\_00$

$6\_ = 6,400 \div 100$

English

For the next two days we're going to do some grammar work and focus on the suffix 'ation'. A suffix is a group of letters added to the end of a word to change the meaning and often to change the word class of the word. When we add the suffix 'ation' to a word, we change the word from a verb into a noun. Remember, a verb is an action and a noun is the name of a person, place, object or idea.

So for example, if we use the verb 'create' (which means 'to make something') and add the suffix 'ation', we get the word 'creation' which is a noun and means 'something which has been made'.

There are a few different spelling rules that we need to use when we add this suffix so I'd like you to look at the 'ation Spelling Rules' resource that I've included for you. There looks like there are a lot of rules, but remember that we've done this type of thing before when we've looked at the rules for the 'ed' and 'ing' suffix endings.

The activity I'd like you to do is at the end of the 'ation Spelling Rules' resource. You need to use what you know to figure out which of those verbs can be turned into nouns when we add 'ation' and which ones don't use that suffix. If you aren't sure, add the suffix to all the words and then look them up in a dictionary to see which ones are real. Make sure you follow the correct spelling rule though, or you'll make a word that doesn't exist anyway!

Foundation Subject – Science

We're going to look at how scientists identify creatures using something called a classification key. A classification key uses questions to sort living things into two groups which get smaller and smaller with each question. There are enough specific questions that each of the living things are separated out by the end of the classification key and so scientists are able to identify each of the creatures. Use the 'Classifying Vertebrates' resource to see what I mean.

For this week I'm going to ask you to complete the 'Classification Key' sheet. Answer each of the questions to separate the different vertebrate groups. At the end of each question chain there should be only one group. If you can't print off the sheet, that's completely fine- just copy out the questions and make your own sheet!