



Maths Learning Letter

wb 1st June 2020

Year 6- All groups

Maths this week

The focus for this week's learning is **place value**. Use paper and a pencil to complete the tasks in the Word document.



You could also have a look at the Slides on Google Classroom to help you understand the tasks.

Lesson 1

Learning question:

Can I round whole and decimal numbers?

Success criteria:

- I can identify the value of a digit in a number
- I can identify the multiples a number falls between
- I can round whole numbers to the nearest 100 / 1000 / 10,000 / 100,000.

Children need to refer to the steps to success to help them round numbers to help them round to 100, 1000, 10,000 and 100,000.

Rounding

Example - round to the nearest 1,000

Step 1 - Write the number you are rounding in columns

M	HTH	TTH	TH	H	T	U/1s
2	3	6	8	4	9	2

Step 2 - Identify the column that you are rounding your number to and record the same digit in the row above in **red pen**

M	HTH	TTH	TH	H	T	U/1s
			8			
2	3	6	8	4	9	2

Step 3 - Add 1 more to the column below the identified digit in **red pen**. If the digit is a 9, think about how that will change the column to the left

M	HTH	TTH	TH	H	T	U/1s
			8			
2	3	6	8	4	9	2
			9			

Task - Children need to look at the attendances from one weekend of a FA Premier League season.

Round each attendance to the nearest 100 and the nearest 1000 or 10,000 and 100,000

Children must select the worksheet for their group.

Javi's group- Yellow

Chontel/ Miri's group- Green

Luigi's group- Blue

Step 4 - Write in **red pen** a zero as a place holder in every column after your recorded digits

M	HTH	TTH	TH	H	T	U/1s
			8	0	0	0
2	3	6	8	4	9	2
			9	0	0	0

Step 5 - In pencil, record the rest of the digits ensuring that they are exactly the same as those in your original number

M	HTH	TTH	TH	H	T	U/1s
2	3	6	8	0	0	0
2	3	6	8	4	9	2
2	3	6	9	0	0	0

Step 6 - **Highlight** the digit in the column to the right of your identified column and remember the rules for rounding!

M	HTH	TTH	TH	H	T	U/1s
2	3	6	8	0	0	0
2	3	6	8	4	9	2
2	3	6	9	0	0	0

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If you need any help with your work this week, email office@keyworth.southwark.sch.uk and address your message to Chontel, Javi and Miri.

Remember to keep working through your revision books as well!

Good luck with your learning this week! 😊

Lesson 2

Learning question: Can I apply my place value knowledge to a problem?

Success criteria:

- I can identify the value of each digit in a number to 7-digits
- I can add and subtract 10/ 100/ 1,000/ 10,000/ 100,000 to a number to 7-digits

Children can use the place value grid to help them add/subtract 10/100 and 1000 to a number. For example, 47,715 + 10. The only column that will change will be the tens column only. The rest of the digits will stay the same.

Millions			Thousands			Ones		
HM	TM	M	HTh	TTh	Th	H	T	U

Children to need to use their place value knowledge to work out the missing number

$$200,000 + \boxed{} = 234,800$$

$$744,522 - 522 = \boxed{}$$

$$645,005 - \boxed{} = 5005$$

$$904,678 + \boxed{} = 924,678$$

$$827,410 - 7000 = \boxed{}$$

$$852,462 - \boxed{} = 850,062$$

Children must select the worksheet for their group.

Javi's group- Yellow

Chontel/ Miri's group- Green

Luigi's group- Blue

