

Learning Letter – Week 4

Year 4 – Maths group 4JB

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.



If possible, I recommend that you also have a look at the PowerPoints / videos on Google Classroom to help you understand the tasks.

Lesson 1 – Monday 18th May

Learning question: Can I divide by 100 accurately?

Success criteria:

- I can identify the place value of a 4 digit number.
- I can use place value counters to represent a division problem
- I can identify a pattern when dividing by 100

1) Divide 400 by 100. Count up in 100s or represent the number on a place value chart and then move the number 2 places to the right.

2) Work out the calculation by representing them on a place value chart then move the number 2 places to the right.

3) Complete the gaps in the sentences
E.g. 1 thousand equals 10 hundreds.

4) complete the sums using a place value chart.

Move the number one place to the right when dividing by 10

2 places when dividing by 100.

5) Find the missing numbers by doing the inverse. E.g. 1200 divided by 1200

6) Complete the challenge task. Remember you can only use each digit only once.

Lesson 2 – Tuesday 19th May

LQ: Can I multiply a 2/3 digit number by a 1 digit number?

Success criteria:

- I can identify the place value of a 4 digit number.
- I can use place value counters to represent a division problem
- I can identify a pattern when dividing by 100

1) Figure what Brett has done to calculate a multiplication problem. Then solve the problem. Feel free to use this method when solving problems in the future.

2) Rosie works out this problem in a different way. Identify what Rosie has done to calculate this problem.

3) Now calculate 6×28 by using Rosie's method.

4) Dani uses a different method. Figure out what he has done to calculate his answer.

5) use a any method you like to solve these problems.

6) Filip has used the place value method to solve

	<p>this multiplication problem. (The same to question 1) Complete the questions.</p> <p>7) Use any method of your choice to solve these multiplication problems.</p>
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Lesson 3 – Wednesday 20th May

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<p>LQ: Can I divide 2/3 digits by 1 digit accurately?</p> <p><u>Success criteria:</u></p> <ul style="list-style-type: none"> • I can identify the place value of a 4 digit number. • I can use place value counters to represent a division problem <p>I can divide accurately by 3s, 4s, 5s, 6, 7s, 8s, 9s</p>	<p>1) Whitney has solved a division problem using the place value chart method. Identify the steps she has taken in order to get the correct answer.</p> <p>2) Figure out how Jack has worked out his sum using the place value method then solve a,b,c,d using a place value grid (draw one) .</p> <p>3) Whitney is using the flexible partitioning method. Notice how she isn't always partitioning her number the "usual" way. She partitioning to make sure that each number is multiple of 4.</p> <p>4) Complete the missing numbers by dividing by four then added the answers together.</p> <p>5) Use the bus stop method to solve the problems. Careful there is one remainder problem.</p>
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Lesson 4 – Thursday 21st May

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<p><u>Learning question:</u> LQ: Can I multiply a 4 digit number by 1 digit accurately?</p> <p><u>Success criteria:</u></p> <ul style="list-style-type: none"> • I can identify the place value of a 4 digit number. • I can use place value counters to represent a division problem • I can multiply accurately by 3s, 4s, 5s, 6, 7s, 8s, 9s 	<p>1) Solve the problem using wither model to support you</p> <p>2) Do the same for question 2.</p> <p>3) Solve the questions using either the place value method or written method.</p> <p>4) Can you identify the error and calculate the correct answer.</p> <p>5 & 6) identify the missing numbers.</p>
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Lesson 5 – Friday 22nd May

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If you need any help with your work this week, email office@bessemergrange.southwark.sch.uk and address your message to Josh.

Good luck with your learning this week! 😊

Learning question: LQ: Can I multiply a 2 digit number by 2 digit number accurately?

Success Criteria:

- I can identify the place value of a 4 digit number.
- I can remember to compensate when multiplying by a multiple of 10. (put a zero in when necessary)
- I can multiply accurately by 2s, 3s, 4s, 5s, 6, 7s, 8s, 9s.

1) Complete the problem the same way as the example shows.

2) Solve these problems using the written method. (same as question 1)

3) Can you identify the error Amir has made. Solve the problem to see who is correct.

4) Challenge question. Use trial and error: see if you can multiply 2 numbers together to make 999. Submit your workings out (all of your workings out) to the office or on google classroom. If you have a correct answer and have clearly worked it out, then **you'll receive 150 gems and a raffle prize!!!**