Year 6 Home Learning (Autumn 1)

Resources

Week 1

Quickfire Read

Oak tree field was his favourite because that was where the owl hooted from. There were so many fields on the farm, and hedges and trees – more than he could count – and a river running along the bottom of the valley like a silver ribbon. And beyond the river, high on the horizon, were the rolling hills of the moor. Grandma, who lived in a town, didn't mind the rain and snow as much as the birds that woke her up early every morning or the smell of pigs and cows that James often brought back into the house.

1) What did the river look like? (Retrieve)

2) Find two things you could you hear from the field. (Retrieve)

3) What does the 'rolling hills of the moor' mean? (Understand)

4) How do you think James brought the smell of pigs and cows into the house? (Understand)

5) Why might living in the countryside be different for Grandma, who is used to living in the city? (Analyse)

Week 1 Maths Resource

	to the nearest 1000	to the nearest 100	to the nearest
37521			
274503			
7630918			
9875			
452			

Week 3

Quickfire Read

William lived in a wonky little house on the edge of a busy town on the edge of a busier city, but even though the house was small it never really felt that way because only two people lived in it: William and his dad, Bob Trundle. As well as dinosaurs, William loved Christmas, but not half as much as his dad did. Mr Trundle loved Christmas so much that whenever Christmas Day was over he would sob uncontrollably for a whole week, sometimes until the end of January, desperately clinging onto Christmas!

1) What word is used to show William's house is crooked? (Retrieve)

2) What does 'uncontrollably' mean? (Explain)

3) Why didn't the house feel empty? (Retrieve)

4) How do you feel when Christmas Day is over? (Apply)

5) What two things did William like? (Retrieve)

Week 3

Quickfire Read

William lived in a wonky little house on the edge of a busy town on the edge of a busier city, but even though the house was small it never really felt that way because only two people lived in it: William and his dad, Bob Trundle. As well as dinosaurs, William loved Christmas, but not half as much as his dad did. Mr Trundle loved Christmas so much that whenever Christmas Day was over he would sob uncontrollably for a whole week, sometimes until the end of January, desperately clinging onto Christmas!

1) What word is used to show William's house is crooked? (Retrieve)

2) What does 'uncontrollably' mean? (Explain)

3) Why didn't the house feel empty? (Retrieve)

4) How do you feel when Christmas Day is over? (Apply)

5) What two things did William like? (Retrieve)

Week 3 Maths Resource

1a. Sam has £9 to spend. She buys oil, eggs and flour. How much did she have left?



What else could she buy?

D 5 PS

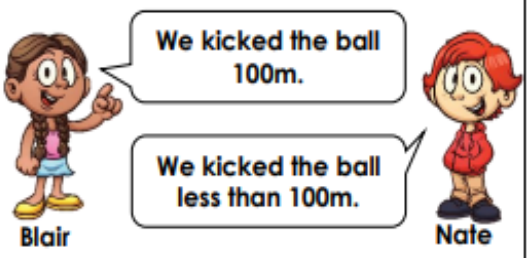
2a. Susie thinks the missing digits are 2 and 9.

$$\begin{array}{r} 6\,9\cdot 0 \\ +\ 2\,\square\cdot\square \\ \hline \square\,1\cdot 2 \end{array}$$

Is she correct? Prove it.

D 5 R

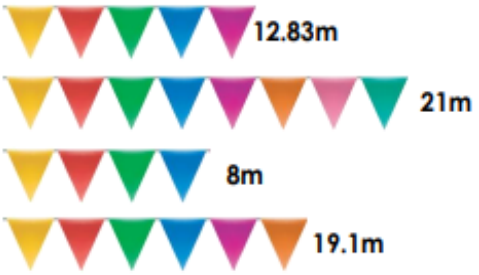
3a. Blair and Nate are measuring how far they can kick a ball. They each have two attempts and kick the ball 31.2m, 11.2m, 34m and 23m.



Who is correct? Explain your answer.

D 5 R

4a. Hannah has 75m of bunting. She cuts off these lengths for her friends. How much bunting does she have left?



What is the biggest length she could cut again?

E (not to scale) 5 PS

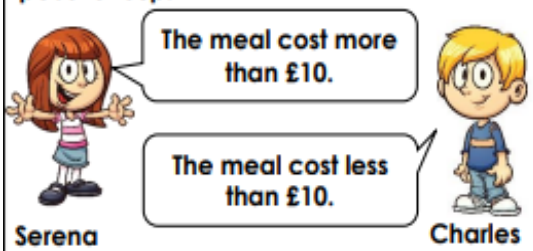
5a. Jameela thinks the missing digits are 3, 4 and 1.

$$\begin{array}{r} 1\,3\,4\cdot 0\,0 \\ +\ \square\,7\cdot\square\,1 \\ \hline 1\,6\,\square\cdot 4\,\square \end{array}$$

Is she correct? Prove it.

E 5 R

6a. Serena and Charles have fish and chips for dinner. They each buy fish for £3, chips for £1.24 and a bottle of water for £0.85. Charles also has a side of mushy peas for 50p.



Who is correct? Explain your answer.

E 5 R

Week 4 Resource

1a. Dennis is thinking of a number. He gives the following clues:



It is an even 5-digit number.
It is the result of multiplying a 4-digit number by 12.
The 4-digit number has a digit sum of 5.

What is the smallest number Dennis could be thinking of?

D PS

2a. Use two of the digit cards to create a multiplication that equals approximately 25,000.

2,124 x _____

1	2	3	4

D PS

3a. A sofa costs £1,213.

12 families buy a sofa each. The furniture salesperson says the total cost is £15,556.



Is he correct? Explain your answer.

D R

4a. Saaim is thinking of a number. He gives the following clues:



It is an even 5-digit number.
It is the result of multiplying a 4-digit number by 23.
The 4-digit number has a digit sum of 7.

What is the largest number Saaim could be thinking of?

E PS

5a. Use two of the digit cards to create a multiplication that equals approximately 17,000.

1,422 x _____

1	2	3	4

E PS

6a. A TV package costs £1,419 per house.

23 houses on Brook Street buy this package. The TV salesperson says the total cost is £32,607.



Is he correct? Explain your answer.

E R

Week 5 Resource

Quickfire Read

The lights of Paris were floating in the river, but the only light in the tunnel flickered from a tiny fire Armand had made. He could not see the woman's face well, but he felt the edge of her tongue. 'What are you doing here?' she demanded. Armand was angered. 'And I might ask you the same, Madame,' he retorted. 'You have taken my place of the bridge.'

1) Why does the author describe the lights as 'floating in the river'? (Understand)

2) Who do you think Armand is? Why? (Evaluate)

3) Why do you think Armand was angry with the woman's question? (Evaluate)

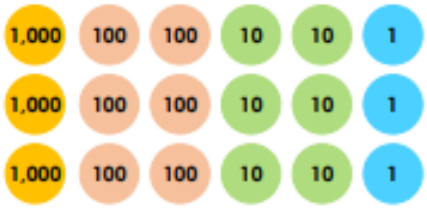
4) What city is this story set? (Retrieve)

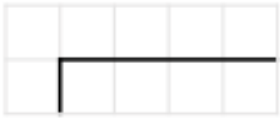
5) Who do you think the woman is? Why? (Evaluate)

Week 5 Resource

1a. Isabel has written a comparison statement.

3,663 ÷ 3 > 1,202





Is she correct? Explain how you know.

D R

2a. Kate completes the following calculation.

	3	2	1	3
3	9	6	3	0



Explain her mistake.
Calculate the correct answer.

D R

3a. Shazaib dropped a counter from his place value grid but can't remember where it fell from! What calculation could Shazaib have completed if he was dividing by 2 and had no remainders?

Thousands	Hundreds	Tens	Ones
1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	100 100	10 10 10	1 1 1 1 1 1

4a. Belle has written a comparison statement.

2,160 ÷ 8 > 2,526 ÷ 6



Is she correct? Explain how you know.

E R

5a. Ben completes the following calculation.

	2	0	1	1
4	8	2	4	4

Explain his mistake.
Calculate the correct answer.

E R

6a. Moa dropped a counter from his place value grid but can't remember where it fell from! What calculation could Moa have completed if he was dividing by 6 and had no remainders?

Thousands	Hundreds	Tens	Ones
1,000 1,000	100 100 100 100	10 10 10 10 10 10 10 10	1 1 1

E PS