Green Class – Home Learning – w.b. 29th June 2020

Dear Parents / Carers,

Well that was a hot few days!

This week the environmental focus is on endangered animals which has co-incidentally arrived in the week that zoos are allowed to reopen. I have included some zoo websites at the end of the plan. Some of them should help with the Science tasks and there are some good webcams and other activities to look at too.

Clean Sweep continues on Purple Mash. Anything on PurpleMash can be accessed through Xbox, PS4 and WiiU as well as the more usual technology. In "Topic", there is a French section that will also give pronunciations of some animals in French, which may help if you want to take Friday's learning on a bit.

I have included PE ideas from the original planner so that you and your children may find select your own activity to build into your week.

The display board in PurpleMash hasn't changed for a while, don't forget to submit when you have done something well. The blog is also available if you want to leave a message for somebody else. It is only accessible to the class and all posts are checked.

Maths resources have been attached to the end of this, along with the answers. Some of the answers are more for guidance and give options, others are very specific.

Just a gentle reminder that children should not be using other pupil's id's or passwords and that other children put a lot of thought into designing their avatars. We do cover e-safety in Computing each half term: obviously I haven't been there to do it, so if you wouldn't mind mentioning it the next time they log on, I would greatly appreciate it.

As usual, please feel free to use "Mr Davies says…" and e-mail green@beaupre.cambs.sch.uk if you have any questions or work to share. You have been sending in some great pictures which I have been selecting from to put on the website.

Keep looking after yourselves and don't forget to keep sending the photos for the newsletter and the website, they are greatly appreciated by everybody.

Mr Davies

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Task	English - Reading	English - Writing	Maths	Other Subjects
1	We will be reading "**Clean Sweep**" in Purple Mash. Your child should have their login for Purple Mash stuck in the front of their yellow "Working From Home" exercise book. The aim is to read one chapter each week, which will be available on PurpleMash each Monday. https://www.purplemash.com/sch/beaupre Read chapter 5, focus on word reading and making sure you have understood what is happening in the story. Complete the multiple choice questions in Purple Mash.	What do we know about Peter Rabbit? What do we know about Mr McGregor at the moment? What happened to Peter's father? Imagine that you are Mr McGregor. Try to imagine the story from his point of view. Write a diary entry explaining about how hard you work to keep your beautiful garden full of vegetables for you and your wife and how you constantly have rabbits coming in and stealing your fabulous food. Explain about how you nearly caught one today. Remember to use new paragraphs for changes in time, place, topic or person.	Mr Davies' suggestion - Pick a game to start, try the statistics activity, finish with TTRockstars if you have time. https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths Addition and Subtraction and some checking strategies this week. (Answer guidance included at the end) Task 1 Having missed sports day, there are some questions to answer about Jess and Simon's event. You are looking for 4 combinations. Task 2 Time for a rest with the sofa challenge. Work through the table and find the prices.	Science: If an animal is endangered what does this mean? Why do you think animals become endangered? What happens to an animal when there are none of them left in the world? Choose an animal and research it starting from the link below: https://www.wwf.org.uk/learn/wildlife Why is it endangered? (Read the "Affected by " section at the top) Other possible sources are at the end of the plan.
2	Reread chapter 5: focus on reading to the punctuation and make sure you understand how events lead into each other - then complete the "Sequencing" and "SPaG" tasks in Purple Mash. It is possible to do the tasks without rereading. However, this is Guided Reading and this task will help punctuation and comprehension. Those who read a second time tend to do better on the sequencing task.	Determiners Simply put, **determiners** are words like 'the', 'a', and 'both', and are used to reference nouns. First, try the activity in Purple Mash. Write a list of the possible vegetables that you could find in Mr McGregor's garden using as many determiners as you can.	https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths Task 1 Mrs Percy looks a bit scary to me. Make sure you follow all of her instructions. Keep checking back to make sure that your answers match. Task 2 You'll need to work out the answers and match the problems with the same answers to create the loop.	Science: Create an information booklet, presentation or poster about the animal that you have chosen. Make sure you explain what has happened to make your animal endangered.
3	Answer the open ended questions in PurpleMash, using the text for reference and for evidence when needed (P.E.E. when needed).	Today is Peter's diary entry for the same day. Think about emotions and feelings. When you describe what Peter finds in the garden,	https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths Task 1	Art: You have now practiced observing closely and creating depth and perspective by using a vanishing point and using lighter and darker shades.

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		use your determiners from yesterday and plenty of adjectives and similes. Use this sentence starter if you like, or come up with your own starting point. *Confidently, I arrived at the white wooden gate to Mr McGregor's precious, well-stocked garden.*	Start at Quizo's home planet and work your way to the spaceship. Remember that you can't go beyond 10,000km. Remember to round. Task 2 Back to Earth with Farmer Wayne. Help him work out which animals he can feed.	Last week you thought about views and hopefully took some pictures. Choose your best picture to turn into a work of art by using what you have learnt this half term. Create a landscape picture from your photo. It should be drawn or painted. You may use pencil, coloured pencils or paint for your landscape. Think about how you are creating depth. We would really like to see how they come out, e-mail us a picture of them to green@beaupre.cambs.sch.uk if you can.
4	Complete the "Task" in PurpleMash	**Peter could hear the robin singing.** Which part of this sentence could be improved? What is the point of the sentence? What is it that we are trying to communicate to the reader? We can build on the details around the robin by using the 5W's selectively. Rewrite the sentence each time to include the extra information. Who was it singing to? What was it singing about? When was it singing? Where was it singing? Why was it singing? How was it singing? **Challenge:** Put all the extra information together into one sentence? Which of all your sentences do you think works best?	https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths Start at 1a and work your way through as far as you can. Check your answers and do workings out if you need to…don't guess!	Music: Last week you built a drum kit. In Peter Rabbit the Robin was singing. Watch the clip from Peter Rabbit, the film, where the sparrows are singing. https://www.youtube.com/watch?v=Pj1Y8g2bQpA Write a rap for the robin to sing as it watches Peter sneaking into the garden. Use your drum kit to provide percussion.

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5	Friday – Choose a book from the myON website to read. You could use one of the science books opposite. A possible suggestions below, that vaguely links with the science to start with… https://readon.myon.co.uk/reader/index.html?a=fj_ngng_f15 Children don't need to read it all in one go…but they can if they want! When the book has been read, choose **ONE** of the following: 1. Write 5 questions about the book for its Accelerated Reader quiz. 2. What was your opinion of the book? Give reasons. (P.E.E.) 3. Write a blurb for the book.	https://www.pobble365.com/ Think about the picture and read the story starter. Complete the "Sick Sentences" activity. Choose at least one other activity to try or carry on the story.	https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths Look closely at the operations signs and work your way through the questions. Think about what the questions are asking you to do and which strategies and knowledge you can use to take short cuts.	FRENCH: Create a picture dictionary of animals in French and English. Include your endangered animal from Monday. You could draw a picture of a zoo with the animals labelled. You could draw animals in the natural habitat labelled. You could create a dictionary page. Search for the translations of your animals online.

PE
Premier Sport- https://www.youtube.com/watch?v=7uQytrYXTko YST – Home PE https://www.youthsporttrust.org/pe-home-learning
PE Skill School Challenges https://www.youtube.com/watch?v=fHllf5Zd7hk Imovement https://imoves.com/the-imovement
Joe Wicks https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ

SCIENCE

https://www.chesterzoo.org/our-zoo/animals/
https://www.africa-alive.co.uk/animals/

https://www.edinburghzoo.org.uk/animals-and-attractions/animals/

https://www.colchester-zoo.com/discover/our-animals/

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Maths Day 1

1. On sports day, Jess and Simon ran 5,824m altogether. Simon ran more than 3,500m but less than 3,700m.

Use column subtraction to explore which distances Simon and Jess could have run. Find and match four combinations of distances for both children.

Jess

Simon

2,316m	3,617m	3,672m	2,305m
3,519m	2,207m	3,508m	2,152m

2. A designer furniture shop is having a sale on their leather sofas.

	Original price of sofa	Reduction	New sofa price
Sofa 1	£7,837		
Sofa 2	£6,782		
Sofa 3	£8,369		
Sofa 4	£7,693		
Sofa 5	£8,577		
Sofa 6	£6,994		

For each sofa listed above, roll a dice four times to make a 4-digit number. This number will give you the discount.

i) Complete the table by filling in the discount and each sofa's newly reduced price.

ii) Greg has a maximum budget of £6,800. Which sofas are now within his price range?

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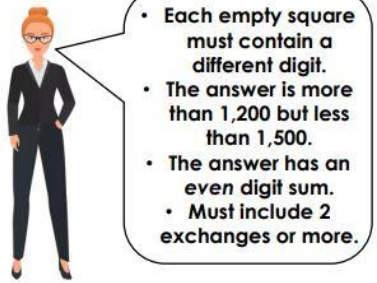
Maths Day 2

1. Mrs Percy shows Class M a column subtraction that has some missing digits. She explains,



- Each empty square must contain a different digit.
- The answer is more than 1,200 but less than 1,500.
- The answer has an *even* digit sum.
- Must include 2 exchanges or more.

	□	3	□	2
–	5	□	□	□
	1			

0	1	2	3	4	5	6	7	8	9

Find all of the missing digits to complete the calculation. Is there more than one possible answer?

DP

2. Arrange the set of loop cards below so that each end is matched with a calculation of equal value.

9,176 – 5,667	7,422 – 3,519	3,741 – 1,834	7,753 – 5,908	6,661 – 2,758	8,533 – 3,719
4,662 – 2,098	6,939 – 4,870	5,350 – 2,786	5,385 – 3,478	5,854 – 3,785	8,308 – 4,799
8,231 – 6,493	4,638 – 2,793	9,751 – 4,937	9,221 – 7,483		

DP

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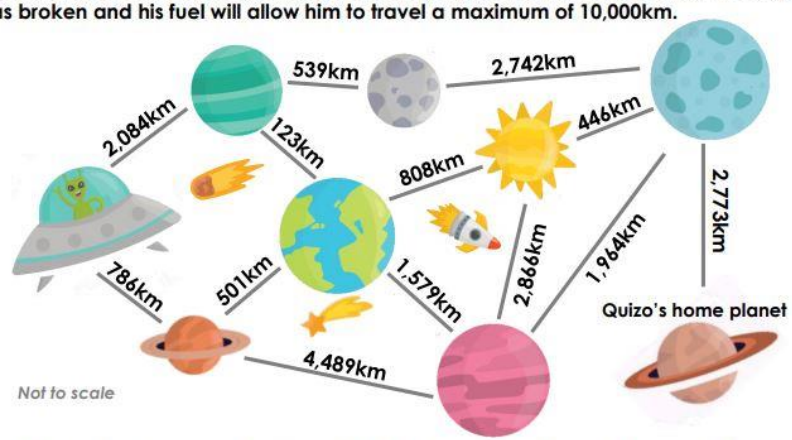
Maths Day 3

1. Quizo the alien is travelling through space trying to find his home planet. His radar has broken and his fuel will allow him to travel a maximum of 10,000km.



Investigate the different routes he could take by rounding these distances to the nearest 10, 100 or 1,000 and finding their approximate totals.

2. Farmer Wayne has 9,350 grams of hay stored in his barn. He says,

Below are the amounts of hay each of my farm animals eat on average, every day.

donkey = 1,469g	sheep = 1,684g	pig = 1,576g	horse = 6,071g	goat = 2,253g

Round the amounts above to the nearest 10 to find out which combinations of animals Farmer Wayne could feed.

Explore rounding these amounts to a mixture of the nearest 10, 100 or 1,000. Do your combinations change?

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Maths Day 4

1a. Circle the most efficient way of solving the following calculation.

390 – 310 = ☐

column method | count on in tens

5a. Circle the most efficient way of solving the following calculation.

6,000 – 4,584 = ☐

partition | take one off both | count on

9a. Circle the most efficient way of solving the following calculation.

5,789 – 399 = ☐

take one off both | add one to both | count on

2a. True or false? Counting on in hundreds to find the difference would be an efficient method of solving this calculation.

845 – 345

6a. True or false? Adding five to both numbers would be an efficient method of solving this calculation.

5,350 – 1,295

10a. True or false? Adding one to both numbers would be an efficient method of solving this calculation.

7,523 – 499

3a. 285 people are on the beach. 132 of them leave. How many people are left?

- Count on in twos.
- Use a column method.

Which is the most efficient method?

7a. There are 3,427 cars in the car park. 1,046 cars leave. How many cars are left?

- Use a number line.
- Use a column method.

Which is the most efficient method?

11a. 2,150 fans attend a game. At half-time, 192 fans leave. A further 1,658 fans leave just before the final whistle. How many stayed behind?

Use an efficient method to solve the word problem.

4a. Write each subtraction next to an efficient method in the table below.

896 – 351

782 – 732

Counting On	
Column Method	

8a. Write each subtraction next to an efficient method in the table below.

5,682 – 3,999

2,025 – 1,850

8,294 – 3,523

Counting On	
Column Method	
Add on to both	

12a. Write each subtraction next to an efficient method in the table below.

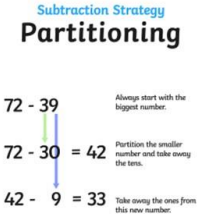
2,082 – 1,071

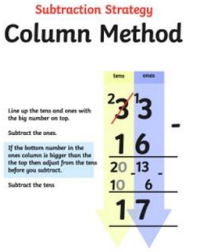
3,495 – 2,995

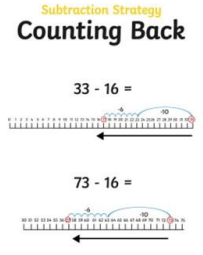
1,149 – 949

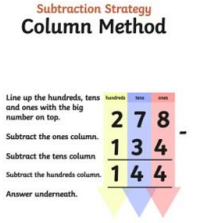
8,334 – 675

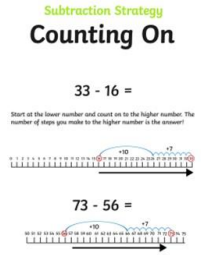
Counting On	
Column Method	
Partitioning	
Add on to both	

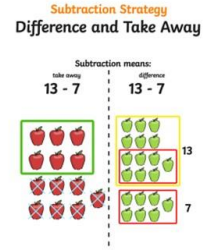












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Maths Day 5

1a. Use an inverse operation to calculate each missing number.

A. 562 + ☐ = 798

B. ☐ − 825 = 134

C. 53 = ☐ − 321

2a. Use the calculation below to create two related number sentences.

129 + ☐ = 899

☐ − ☐ = ☐

☐ = ☐ − ☐

3a. Complete the bar model.

835			
A		220	
B	108	C	115

4a. Use an inverse operation to find the correct calculation.

A. 165 + 334 = 494

B. 673 = 201 + 473

C. 365 = 796 − 431

5a. Use an inverse operation to calculate each missing number.

A. 4,568 + ☐ = 5,798

B. ☐ − 3,782 = 2,764

C. 7,426 = ☐ − 2,312

6a. Use the calculation below to create two related number sentences.

☐ + 3,929 = 9,731

☐ − ☐ = ☐

☐ = ☐ − ☐

7a. Complete the bar model.

2,618			
2,507		A	
1,940	B	59	C

8a. Use an inverse operation to find the correct calculation.

A. 1,625 + 1,007 = 2,642

B. 5,276 = 2,385 + 2,891

C. 1,043 = 3,025 − 2,092

4a. Tom has written some calculations based on this bar model.

2,581	
1,345	1,236

A. 1,345 + 1,236 = 2,581

B. 2,581 = 1,236 − 1,345

C. 2,581 = 1,345 − 1,236

Is Tom correct? Explain your answer.

5a. Find the related numbers through addition and subtraction.

4,253	2,435
6,522	6,688

Which number is the odd one out? Write 3 related calculations to prove it.

6a. Using the digit cards, create a calculation that equals 3,846. The digit cards can be used more than once in the same number.

3	5	1	2

Check your calculation using the inverse operation.

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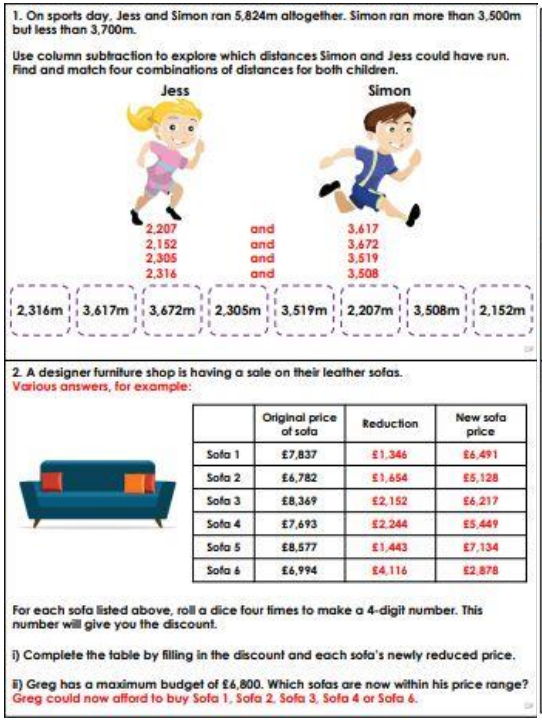
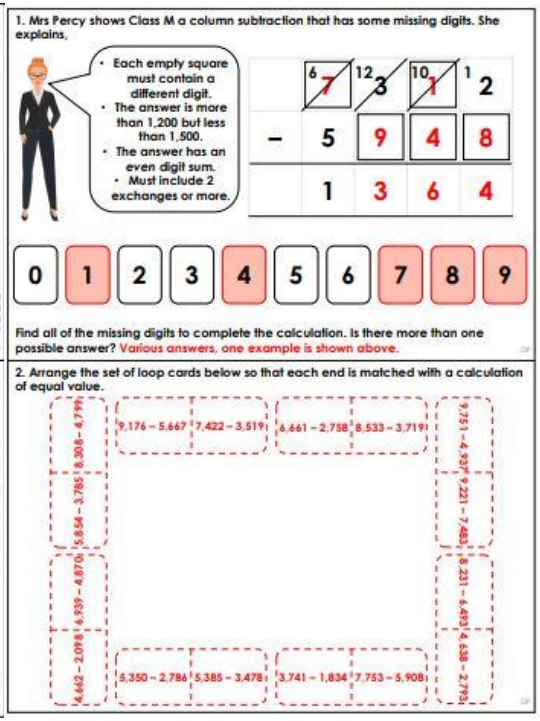
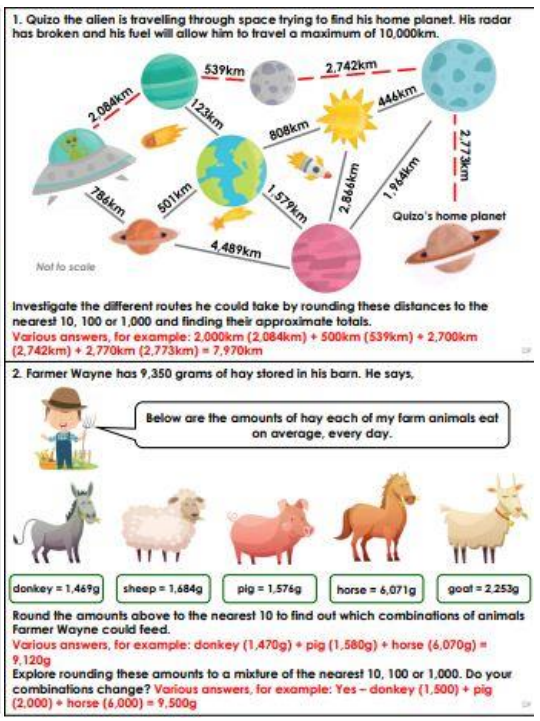
Maths Answers:







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Developing

1a. Count on in tens as both numbers are multiples of ten. 390 – 310 = 80.
2a. True
3a. 285 – 132 = 153. Use a column method as only one number is a multiple of two and they are too far apart.
4a. Various answers, for example:

Counting On	782 – 732
Column Method	896 – 351

Expected

5a. Take one off both numbers, then use the column method. This eliminates the need to exchange. 5,999 – 4,583 = 1,416.
6a. True
7a. 3,427 – 1,046 = 2,381. Children may find a column method may be more efficient as the numbers are not close together.
8a. Various answers, for example:

Counting On	2,025 – 1,850
Column Method	8,294 – 3,523
Add on to both	5,682 – 3,999

Greater Depth

9a. Adding one to both numbers eliminates the need to exchange. 5,790 – 400 = 5,390 could then be completed mentally.
10a. True
11a. Various methods used to achieve an answer of 300.
12a. Various answers, for example:

Counting On	1,149 – 949
Column Method	8,334 – 675
Partitioning	2,082 – 1,071
Addon to both	3,495 – 2,995

Developing

1a. A = 236; B = 959; C = 374
2a. 129 + 770 = 899; 899 – 129 = 770; 129 = 899 – 770
3a. A = 615; B = 507; C = 105
4a. C; 365 = 796 – 431

Expected

5a. A = 1,230: B = 6,546: C = 9,738
6a. 5,802 + 3,929 = 9,731; 9,731 – 3,929 = 5,802; 3,929 = 9,731 – 5,802
7a. A = 111; B = 567; C = 52
8a. B; 5,276 – 2,891 = 2,385

Expected

4a. B and C are incorrect. For the answers to work, the = and – signs could be swapped, or the – could be changed to +.
5a. 6,522 is the odd one out. 4,253 + 2,435 = 6,688; 6,688 – 2,435 = 4,253; 6,688 – 4,253 = 2,435
6a. Various answers, for example:
1,325 + 2,521 = 3,846; 3,846 – 2,521 = 1,325
3,335 + 511 = 3,846; 3,846 – 511 = 3,335