

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

Dear Parents / Carers,

I hope you are well and looking after each other.

The focus this week for topic is water conservation.

This week's music should be a bit calmer than last week. It does require a bit of sense and care. That shouldn't be a problem for anybody in Green class, but I am aware that some have younger siblings. Plastic bottles do work – just a different sound. You may want to check it out now so that you can think about what resources you may have that will work and that you might want to keep back from the recycling.

Anything on Purple Mash can be accessed through Xbox, PS4 and, I have been reliably informed, on Nintendo Wii U if you are busy and need your own phone or laptop back.

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

The display board in PurpleMash is changing regularly and there has been some lovely work done. 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.

I have added some resources to the end of this for English and Maths.

As usual, please feel free to use "Mr Davies says..." and e-mail [green@beaupre.cambs.sch.uk](mailto:green@beaupre.cambs.sch.uk) if you have any questions.

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

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

Task	English - Reading	English - Writing	Maths	Other Subjects
1	<p>We will be reading “<b>Clean Sweep</b>” 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. <a href="https://www.purplemash.com/sch/beaupre">https://www.purplemash.com/sch/beaupre</a></p> <p>Read chapter 3, focus on word reading and making sure you have understood what is happening in the story. Complete the multiple choice questions in Purple Mash.</p>	<p>Don’t you think rhetorical questions are great? Who doesn’t like a good rhetorical question? Why wouldn’t you want one in your writing?</p> <p>Rhetorical questions force the reader to become involved in the text and to start to think more deeply about what you are saying.</p> <p>Complete the two Rhetorical Question Tasks which can be found in Purple Mash.  <a href="https://www.purplemash.com/sch/beaupre">https://www.purplemash.com/sch/beaupre</a></p> <p>The first one can probably be completed in Purple Mash. The second task will need completing in your book. Use the question openers at the bottom of the page to help.</p>	<p>Mr Davies’ suggestion - Pick a game to start, try the statistics activity, finish with TTRockstars if you have time.  <a href="https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths">https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths</a></p> <p>Roman Numerals – Add up the values. Remember when a lower value comes before a higher value it should be subtracted.</p> <p>Eg: IV is 1 before 5 = 4</p> <p>To remind you: I = 1   V = 5   X = 10   L = 50   C = 100 D = 500   M = 1000</p> <p>Two tasks are included at the end of the planner. There are answers available on the last pages.</p> <p>Challenge 1 = fix the number aquare and bring it up to date.</p> <p>Try challenge 2.</p>	<p><b>Science:</b> <b>ENVIRONMENT – Water conservation</b>  <a href="https://youtu.be/jlMzlgqAYvk">https://youtu.be/jlMzlgqAYvk</a></p> <p>Create a spider diagram. In the circle in the middle put “water”. Brainstorm: What are the things that you use water for during the day?</p> <p>How much water do you use in a day? (Look at a bottle and see how much liquid it holds as a starting point to help with the concept.) Keep a diary of every time you use water, or somebody in your house uses water for your needs (for example, washing your clothes)</p>
2	<p>Reread chapter 3: 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.</p> <p>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.</p>	<p>You have found a small animal that likes tidying your bedroom for you...hopefully that sounds familiar by now!</p> <p>Imagine your mum is allergic to animal fur so you know she is going to want you to get rid of it.</p> <p>Try to persuade her using the following techniques (one paragraph for each).</p> <ol style="list-style-type: none"> <li>1. Flattery – why she is great</li> <li>2. Explain how good it is</li> </ol>	<p><a href="https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths">https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths</a></p> <p>Negative numbers – Scales are important</p> <p>When we count backwards we don’t stop at zero. We can keep going into the negative numbers.</p> <p>Two tasks are included at the end of the planner. There are answers available on the last pages.</p> <p>Work through the two challenges.</p>	<p>Science / Geography:</p> <p>Water is a precious commodity. Watch: <a href="https://www.youtube.com/watch?v=yPxMOzN0Ug4">https://www.youtube.com/watch?v=yPxMOzN0Ug4</a></p> <p>Explain how life is different for the people in the clip. Think about the water that you use.</p> <p>Watch: <a href="https://youtu.be/EbLYJtP-Aqw">https://youtu.be/EbLYJtP-Aqw</a></p>

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

		<p>3. Make it sound like a good deal for everyone            4. Bribery and favours – if you...., then I....            5. Sympathy, make her feel sorry for you            6. Threats and blackmail</p> <p>When you have finished, give each one a mark out of 10 for how successful you think it would be.</p>	<p>Challenge 1 – Take time to work out the scales before you start. Remember that scales need to go up in equal increments (spaces). Make sure you read everybody’s clues – some are easier than others to find and they aren’t in order.</p> <p>Challenge 2 – work carefully and remember that sea level is zero.</p>	<p>What could you do to reduce the amount of water that you use? Create a poster to share your ideas and encourage other people to change what they do.</p>
3	<p>Answer the open ended questions in PurpleMash, using the text for reference and for evidence when needed (P.E.E. when needed).</p>	<p>Tomorrow you are going to write a page for the Anglia Water website to persuade people to use less water.</p> <p>You are going to need an opening paragraph.            Which of these will you include?            WHO WHAT WHEN WHERE WHY HOW            Think carefully about the order and don’t give too much detail or you won’t have anything else to write about!</p> <p>Pick one focus for each paragraph. Think about what you are going to suggest and how you will make it sound like a good idea.</p> <p>Think about how you might include statistics as evidence. Think about where you will include a rhetorical question.            Think about how you want the reader to feel when they read your words.</p>	<p><a href="https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths">https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths</a></p> <p>Adding and subtracting 10, 100, 1000</p> <p>Two tasks are included at the end of the planner.            There are answers available on the last pages.</p> <p>Work your way through space</p>	<p>Art:            Last week we looked at perspective. This week we look at how tone can create depth.            I appreciate that you may well not have three types of pencil at home, so you will need to think about how hard you press.  <a href="https://www.youtube.com/watch?v=57vPrGicCH4&amp;vl=en-GB">https://www.youtube.com/watch?v=57vPrGicCH4&amp;vl=en-GB</a>            You can also try with three different colours – dark medium light – felt tips or coloured pencils.</p> <p>Watch the clip and then try your own.            Copy the example or try from a landscape picture that you like.</p>
	<p><b>Persuasive language →</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Rhetorical Questions</li> <li><input type="checkbox"/> Pronouns</li> <li><input type="checkbox"/> Alliteration</li> <li><input type="checkbox"/> Exaggerated adjectives</li> <li><input type="checkbox"/> Catchy slogan</li> <li><input type="checkbox"/> Benefits with examples</li> </ul>			
4	<p>Complete the “Task” in PurpleMash</p>	<p>Write your web page for the Anglia Water website to persuade people to use less water.</p> <p>Use your plan to help you. Use the work you have done in Science and geography to help with facts, diagrams, statistics and pictures.</p>	<p><a href="https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths">https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths</a></p> <p>Number line challenges.            Two tasks are included at the end of the planner.            There are answers available on the last pages.</p>	<p>Music:            Watch the clip:  <a href="https://www.youtube.com/watch?v=9v8LohzTNLU">https://www.youtube.com/watch?v=9v8LohzTNLU</a></p>

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

		<p>Don't forget your final concluding paragraph to make them want to go away and do exactly what you've suggested. Remember these people are customers, we don't want to threaten them!</p>	<p>Read the number lines carefully. Be sure to make sure that you understand the scale before you try to put the numbers on them.</p> <p>Make sure you check the rules about which numbers you can use.</p>	<p>With a bit of care, and adult supervision if needed, can you create your own instrument using bottles and water, like the one in the clip. Pens make good beaters.</p> <p>Practise and see if you can play a short tune that somebody else can recognise.</p> <p>Have a look at this clip for inspiration: <a href="https://www.youtube.com/watch?v=tOEiPF3rJAY">https://www.youtube.com/watch?v=tOEiPF3rJAY</a></p>
5	<p><b>Friday</b> – 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... <a href="https://readon.myon.co.uk/reader/index.html?a=fj_nngng_f15">https://readon.myon.co.uk/reader/index.html?a=fj_nngng_f15</a></p> <p>Children don't need to read it all in one go...but they can if they want!</p> <p>When the book has been read, choose <b>ONE</b> of the following:</p> <ol style="list-style-type: none"> <li>1. Write 5 questions about the book for its Accelerated Reader quiz.</li> <li>2. What was your opinion of the book? Give reasons. (P.E.E.)</li> <li>3. Write a blurb for the book.</li> </ol>	<p><a href="https://www.pobble365.com/">https://www.pobble365.com/</a></p> <p>Think about the picture and read the story starter.</p> <p>Complete the "Sick Sentences" activity.</p> <p>Choose at least one other activity to try or carry on the story.</p>	<p><a href="https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths">https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths</a></p> <p>Round to the nearest 1000. Think about what the digit in the hundreds column will tell you. Think about what you would have to do if it was a 5.</p> <p>Two tasks are included at the end of the planner. There are answers available on the last pages.</p> <p>Help the pilot and then finish of the week with the game. If you don't have a dice ask google or siri to give you a random number between 1 and 6. If you are feeling creative you could make a spinner.</p>	<p>RE: Journeys</p> <p>Think of a story that you know that involves an important journey. It could be a book a film or a true story.</p> <p>Explain the main events in the story, who the characters are and why the journey is important to them.</p> <p>You may do it as a poster, as a cartoon strip, a book review, a blurb or just an explanation.</p>

### 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=fHlIf5Zd7hk> Imovement <https://imoves.com/the-imovement>

Joe Wicks <https://www.youtube.com/channel/UCAxW1XT0iEJo0TYiRfn6rYQ>

Water related links:

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

<https://www.anglianwater.co.uk/help-and-advice/save-water/water-saving-tips/>

<https://www.anglianwater.co.uk/help-and-advice/save-water/water-saving-tips/water-saving-quiz/>

# Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

DAY 1 – Maths

1. These pieces are part of a hundred square but the numbers are all in Roman numerals. Place the pieces back together and convert the Roman numerals back into numbers.

		LXVI	LXV II	LXV III	LXIX		XXI	XXII	XXIII	XXIV	XXV
	LXX V	LXX VI	LXX VII	LXX VIII	LXX IX		XXXI	XXX II	XXX III	XXX IV	XXX V
LXX XIV	LXX XV	LXX XVI	LXX XVII	LXX XVIII	LXX XIX		XL I	XL II	XL III		
								LII	LIII		
										LXIII	
XLIV	XLV	XLVI	XLV II								
LIV	LV	LVI	LVI								
LXIV	LXV										
LXX IV											

2. Two friends are discussing these Roman numerals.

X	V	C	L	X	I
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I think that you can make 25 different numbers because there are 5 different letters altogether.

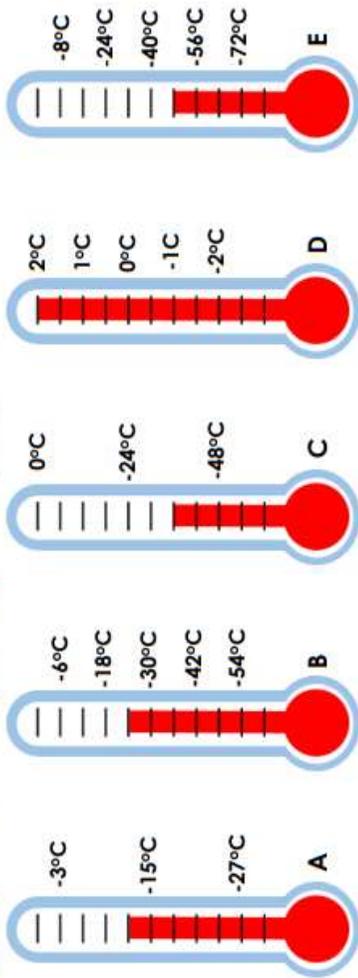
I think that you can make 30 different numbers because there are 5 different letters on 6 cards.



# Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

DAY 2 – Maths

1. Match the thermometers to the correct set of clues to work out the lowest recorded temperature in each country on Christmas day last year.



**Clue 1:** In Iceland, it was below -30°C. It was 12°C colder than in Canada.

**Clue 2:** In the UK, the temperature was a positive number!

**Clue 3:** In Russia, the temperature was 50°C colder than in the UK!

**Clue 4:** In Canada, the coldest it became was 24°C less than 0°C.

**Clue 5:** In Norway, it was 12° warmer than in Canada.

2. Pirate Greybeard has dropped some items overboard but doesn't know how deep the water is. However, he does remember that the scale increments change by 2 or more each step. Investigate possible scales to work out the depth of each item. Remember to measure from the deepest point of each item!



D

# Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

## DAY 3 – Maths

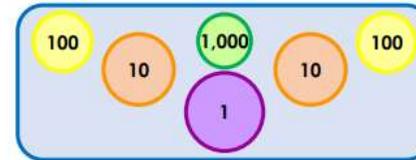
1. Draw a possible pathway through space for the astronaut. Planets are neutral zones.

- SPACE RULES:**
- Start score is 500 points
  - End score between 1,000 and 2,000
  - Must pass through at least 8 squares
  - Move horizontally, vertically and diagonally

				END
START				

KEY	
	+ 1,000
	- 1,000
	+ 100
	- 100
	+ 10
	- 10
	+ 1,100
	+ 500

2. Jamie and Dan take penalty kicks at the target board below. If they each take six shots, find possible combinations for their scores.



Draw place value counters in the place value charts below to compare their scores.

Th	H	T	O

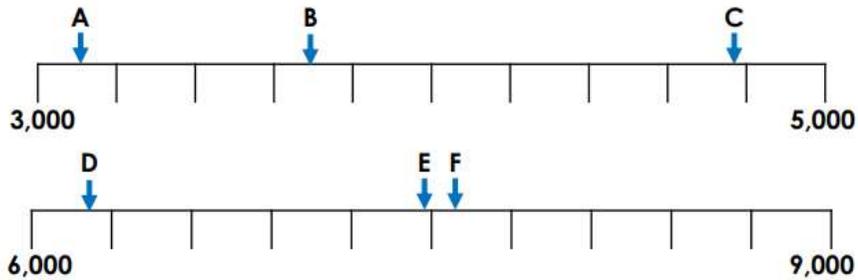
>

Th	H	T	O

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

DAY 4 – Maths

1. Sally is creating 4-digit numbers using the digit cards below. She has placed the numbers on these number lines. Each number is marked with a letter. Sally's numbers are all multiples of 5 or 10.

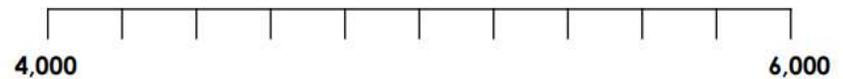
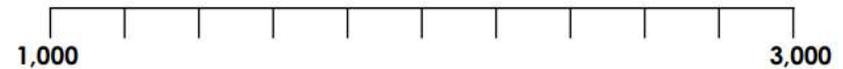


Each digit card can be used more than once.



Explore which numbers could be represented by points A, B, C, D, E and F.

2. Here are two number lines. Read and discuss the statements below with a partner.



A. The length of the River Nile (4,132m) rounded to the nearest 100.

B. The value of 4 in 4,590.

C. 1,000 less than 3,400.

D. LXXXV + 1,000.

E. The height of Mt. Olympus (2,918m) rounded to the nearest 10.

- Explore where each of these statements could be placed on the number lines.
- Create 3 statements for your partner that could be placed on both number lines.

# Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

## DAY 5 – Maths

1. Paul the Pilot's altitude display has broken.

He needs to make an announcement to the passengers to inform them how high they are flying as they come into land. He rounds his number to the nearest thousand feet.



What could the number he announces be?

What could be the number on his dial?

2. Play this game with your partner and 2 dice. Each player rolls their dice four times in one turn to generate a four digit number. Round it to nearest thousand, take turns and total your score each time. The winner is first to reach 10,000. If your total takes you over 10,000, miss a turn.

For example:



Player 1	Player 2
E.g. 5,000	E.g. 2,000

# Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

1. These pieces are part of a hundred square but the numbers are all in Roman numerals. Place the pieces back together and convert the Roman numerals back into numbers.

The pieces when converted and placed correctly should look like the diagram on the right.

2. Two friends are discussing these Roman numerals.

X V C L X I

Greg: I think that you can make 25 different numbers because there are 5 different letters altogether.

Roisin: I think that you can make 30 different numbers because there are 5 different letters on 6 cards.

Pupils should provide written evidence of their number combinations. There are 46 possible numbers under 100 using the cards above, therefore Roisin is the most accurate as she was closest to the correct amount of possible numbers.

Investigate whose statement is the most accurate and prove it!

1. Match the thermometers to the correct set of clues to work out the lowest recorded temperature in each country on Christmas day last year.

In Iceland, it was -34°C thermometer C

In Russia, the temperature was -48°C thermometer E

In Norway, it was -12°C thermometer A

In the UK, the temperature was 2°C thermometer D

In Canada, the coldest it became was -24°C thermometer B

2. Pirate Greybeard has dropped some items overboard but doesn't know how deep the water is. However, he does remember that the scale increments change by 2 or more each step. Investigate possible scales to work out the depth of each item. Remember to measure from the deepest point of each item!

Various answers, for example: a) -3m; b) -8m; c) -11m; d) -16m

**ANSWERS:**

# Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

1. Draw a possible pathway through space for the astronaut. Planets are neutral zones.

Various answers, for example:  
 $500 + 10 + 1,000 + 1,100 - 1,000 - 10 + 1,000 - 1,000 + 10 = 1,610$

					END
START					

KEY	
	+ 1,000
	- 1,000
	+ 100
	- 100
	+ 10
	- 10
	+ 1,100
	+ 500

2. Jamie and Dan take penalty kicks at the target board below. If they each take six shots, find possible combinations for their scores.

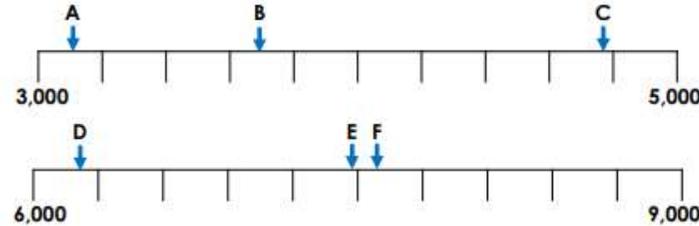
Draw place value counters in the place value charts below to compare their scores.

Th	H	T	O
1,000	100	10	

>

Th	H	T	O
1,000	100		1
1,000			1
			1
			1

1. Sally is creating 4-digit numbers using the digit cards below. She has placed the numbers on these number lines. Each number is marked with a letter. Sally's numbers are all multiples of 5 or 10.

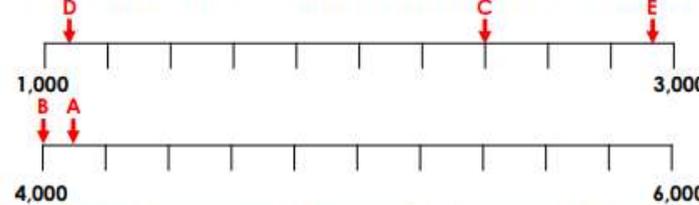


Each digit card can be used more than once.

0	1	2	3	4	5	6	7	8	9
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Explore which numbers could be represented by points A, B, C, D, E and F.  
 Various answers, for example: A = 3,155; B = 3,695; C = 4,780; D = 6,285; E = 7,490; F = 7,595.

2. Here are two number lines. Read and discuss the statements below with a partner.



A. The length of the River Nile (4,132m) rounded to the nearest 100.	B. The value of 4 in 4,590.	C. 1,000 less than 3,400.	D. LXXXV + 1,000.	E. The height of Mt. Olympus (2,918m) rounded to the nearest 10.
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i) Explore where each of these statements could be placed on the number lines.  
 ii) Create 3 statements for your partner that could be placed on both number lines.

Various answers, for example: 2,599 rounded to the nearest 100.

## Green Class – Home Learning – w.b. 15<sup>th</sup> June 2020

1. Paul the Pilot's altitude display has broken.

He needs to make an announcement to the passengers to inform them how high they are flying as they come into land. He rounds his number to the nearest thousand feet.

Various answers, for example:



We are flying at an altitude of 5,000 feet.

What could the number he announces be?  
 4,000 or 5,000 feet.  
 What could be the number on his dial?  
 Accept any answer between 4,070 – 4,479 if rounding down, or between 4,570 – 4,979 if rounding up. The tens digit should be 7 in each suggested answer.

2. Play this game with your partner and 2 dice. Each player rolls their dice four times in one turn to generate a 4-digit number. Round it to nearest thousand, take turns and total your score each time. The winner is first to reach 10,000. If your total takes you over 10,000, miss a turn.

Various answers, for example:



Player 1	Player 2
1,000	3,000
2,000	1,000
4,000	2,000
1,000	1,000
<b>Total: 10,000. Player 1 wins.</b>	<b>Total: 7,000.</b>