


Year _5_ Nova Home Learning

Day	Writing Task	Maths Task	Line of Enquiry Task
1	 <p>READ THE STORY STARTER: She waded out into the shallows. Waves of water lapped up against her bare legs, sending a chill up her already trembling body. She stole a glance back at what she had left behind on the shore. No regrets.</p> <p>Fog wrapped its arms around the girl, adding to her feeling of growing trepidation. She held a lantern in her hand; it swayed gently by her side as she moved, leaking a milky light out into the night. That light was the only comfort she had.</p> <p>As she stole away, the outline of the ship crept out of the mist like a silent predator. Would the ship bring the solace she had been longing for?</p> <p>QUESTION TIME:</p> <p>What does the word 'solace' mean?</p>	<p>LO: To order numbers to one million. Put these numbers in ascending order.</p> <p>13,042 32,999 39,001 13,045 32,122 23,999</p> <p>123,123 548,943 321,090 423,932 160,923 778,921</p> <p>782,911 788,999 753,321 782,119 703,128 723,124</p> <p>Write your own list of numbers in descending order.</p>	<p>Please use https://www.natgeokids.com/uk/ or https://www.kiddle.co/ to search safely.</p> <p>LO: to create an illustrated fact file about a European country.</p> <p>We have made two factfiles in Line of Enquiry this year: China and Greece. Create a factfile for a European country of your choice.</p> <p>Things to include:</p> <ul style="list-style-type: none"> • Capital city • Continent • Hemisphere • Timezone • Position in relation to the equator • Population • Languages spoken • Natural and manmade features • Similarities and difference to the UK <p>You may design and make a computer generated presentation eg Powerpoint if you prefer.</p>

	<p>Who is the girl in the picture?</p> <p>Give her a name?</p> <p>Why is she dressed in the way she is?</p> <p>What has she left behind on the shore?</p> <p>What does it mean by 'that light was her only comfort'?</p> <p>What is the ship? Why has it been described as a 'silent predator'?</p> <p>Why does the girl want to reach the ship?</p> <p>What will happen once she does?</p>		
2	<p>SENTENCE CHALLENGE:</p> <p>'Fog wrapped its arms around the girl' is an example of personification.</p> <p>Can you think of other ways to personify the fog? Personify something else, such the wind, the night or the water?</p> <p>VOCAB CHALLENGE: look up (dictionary or online dictionary) five words from the text and write the definitions.</p>	<p><u>LO: To round numbers to one million.</u></p> <p>Round to the nearest 10: 1,325 43,329 15,031 32,998 493,843 599,897</p> <p>Round to the nearest 100: 5,641 25,432 45,044 134,992 537,723 823,917</p> <p>Round to the nearest 1000: 7,293 15,329 27,391 436,881 642,231 129,912</p> <p>Write a rhyme to teach someone at home. Then write your own questions for them; create your own answer sheet!</p>	<p><u>LO: To create a mini-Olympic activity that will increase your heart rate</u></p> <p>Can you make up an exercise routine that increases your heart rate? You could include:</p> <ul style="list-style-type: none"> -star jumps - high knees - running on the spot - skipping <p>Find someone in your house to teach the routine to. Measure and record your pulse before and after.</p>
3	<p>IMPROVE using dashes or a relative clause:</p> <p>The girl walked through the water. It was foggy. She was scared.</p> <p>PREDICT: What happens next? Write the next paragraph.</p>	<p><u>LO: To count in 10s 100s 1000s and 10,000s</u></p> <p>Complete the sequences and describe what is happening:</p> <p>7, 17, ____, ____, 47, 57, 67, ____, ____, 97, ____</p> <p>476, ____, 676, ____, 876, ____, ____, 1176</p>	<p>LO: to present facts about Earth Day.</p> <p>Write and illustrate a mini-booklet, Scratch presentation or PPT to explain: What we can do to help protect the natural world?</p> <p>Find some great info at:</p> <p>https://www.natgeokids.com/uk/kids-club/cool-kids/general-kids-club/earth-day/</p>

7,550, 6,550, _____, 4,550, _____, _____, 1,550, _____

110,000, 120,000, 130,000, _____, _____.

Write your own sequences in both ascending and descending order.

4



She had already travelled so far, yet still had so much further to go. This was just the beginning of her journey.

She began today like every other: sitting with her line in the water, hoping to catch a bite for breakfast.

It had been over three weeks since she had seen another person, three weeks since the land had disappeared...

QUESTION TIME:

Where do you think the land has gone?

How will people survive in this 'water-world'?

Is there more land or water on Earth?

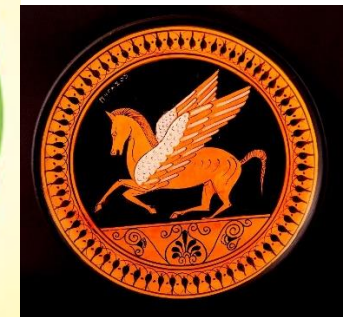
LO: To understand negative numbers.

Draw a number line to support you.
Find the difference between the following numbers.

1. -2 and 3
2. -4 and 6
3. -10 and 11
4. -1 and 21
5. -2 and 39
6. On Monday the temperature was 7 degrees. The next day it dropped by 9 degrees. What is the new temperature?

Write three of your own word problems about changes in temperature (including negative temperatures). Solve these problems.


LO: to design a plate inspired by ancient Greek design.



Draw around a plate onto paper or use a paper plate if you have one. Use traditional Greek colours such as orange and black.



	<p>Is it better to live in a place with too much water or not enough water?</p> <p>What do you think the girl had to drink when she was out at sea?</p>		
5	<p>PERFECT PICTURE! Imagine that people could no longer live on land, but had to live in the sea. What would their new home look like? Write down what you have imagined AFTER you have done the sentence challenge.</p> <p>SENTENCE CHALLENGE! Which ending would make this word an adverb?</p> <p>slow</p> <p>slowness slowest slower slowly</p> <p>Can you use adverbs in your writing today?</p> <p>Perhaps you could use adverbs to show the possibility of something happening e.g. perhaps, surely, possibly, maybe.</p> <p>Perhaps she would find other people soon.</p>	<p><u>LO: To add and subtract whole numbers with more than 4 digits.</u></p> <p>Use column method to solve:</p> <ol style="list-style-type: none"> 3,241 + 1,238 43,123 + 24,239 165,378 + 38,392 538,343 – 45,234 108,230 – 99,278 708,432 – 346,789 <p>Use bar models to support:</p> <ol style="list-style-type: none"> 22,134 - _____ = 17,254 45,239 + _____ = 146,113 _____ - 14,352 = 15,342 _____ + 34,532 = 76,290 	<p>LO: to write and illustrate a clear set of instructions</p> <p>Write a recipe for making pancakes. You will find loads of fab facts about the history of Shrove Tuesday (Pancake Tuesday) at https://www.natgeokids.com/uk/discover/geography/general-geography/shrove-tuesday-facts/</p> <p>NOTE TO PARENTS AND CARERS: If you can get adult supervision, have a go at making some.</p>
6	<p>SICK SENTENCES! These sentences are ‘sick’ and need help to get better. Can you help? Use expanded noun phrases and a relative clause.</p> <p>The fish swam through the water. The girl sat on the fish with her fishing rod.</p> <p>NOW CREATE A PIECE OF ARTWORK OR SKETCH TO ILLUSTRATE WHAT THE NEW LAND WOULD LOOK LIKE.</p>	<p><u>LO: To find factors and multiples of a number.</u></p> <p>Find all factor pairs of these numbers, e.g. 15: 1, 3, 5, 15</p> <p>21: _____</p> <p>32: _____</p> <p>45: _____</p> <p>Find the first four multiples of these numbers, e.g. 4, 8, 12, 16</p> <p>6: _____</p> <p>7: _____</p> <p>8: _____</p> <p>12: _____</p> <p>Extension: find the common factors of 27 and 36. Can you think of your own questions?</p>	<p>LO: to create an illustrated fact file about a country in South America.</p> <p>We have made two factfiles in Line of Enquiry this year: China and Greece. Create a factfile for a European country of your choice.</p> <p>Things to include:</p> <ul style="list-style-type: none"> • Capital city • Continent • Hemisphere • Timezone • Position in relation to the equator • Population • Languages spoken • Natural and manmade features

			<ul style="list-style-type: none"> • Similarities and difference to the UK <p>You may design and make a computer generated presentation eg Powerpoint if you prefer.</p>
7	 <p>CINDERELLA (BUT NOT AS WE KNOW IT!)</p> <p>STORY STARTER! “You shall go to the ball!” proclaimed the fairy godmother. With a click of her fingers and a swish of her wand, the magic happened, and Cinderella disappeared off into the night on the adventure of a lifetime...</p> <p>QUESTION TIME!</p> <p>What different animals can you see in the picture?</p> <p>Is everything in the picture as you remember from the real Cinderella story?</p> <p>Where is Cinderella going?</p> <p>How do you think she is feeling?</p> <p>PERFECT PICTURE! Draw a picture of what the fairy godmother might look like?</p>	<p>LO: To multiply and divide 4 digits Use formal written method (remember your brackets and place holder)</p> <ol style="list-style-type: none"> 1. $2,342 \times 6$ 2. $6,453 \times 7$ 3. $4,562 \times 13$ 4. $6,928 \times 24$ <p>Use bus stop method:</p> <ol style="list-style-type: none"> 5. $1,028 \div 4$ 6. $5,125 \div 5$ 7. $2,238 \div 6$ 8. $7,093 \div 8$ <p>Write your own questions; create an answer sheet to mark these.</p>	<p>LO: to investigate what the ancient Greeks did for us.</p> <p>Find out about the ancient Greek alphabet. Write your name and the names of your family. Write a secret message and ask someone in your family to work it out! Useful websites: https://www.teachingideas.co.uk/greeks/the-greek-alphabet</p>

8	<p>SENTENCE CHALLENGE! Can you describe the scene in the picture? Try to use onomatopoeia in your description.</p> <p>E.g. The horses' hooves clip-clopped on the gravel path, as Cinderella whooshed through the air. The wheels of the coach crunched on the stony ground.</p> <p>SICK SENTENCES! These sentences are 'sick' and need help to get better. Can you help? Use a range of prepositions. Use expanded noun phrases.</p> <p>The horses ran through the night. On top of the coach sat a big pumpkin a goose and a lizard. Cinderella held on.</p>	<p>LO: To find equivalent fractions.</p> $\frac{1}{8} = \frac{\quad}{16} \quad \frac{1}{4} = \frac{\quad}{12} \quad \frac{4}{5} = \frac{\quad}{15} \quad \frac{12}{24} = \frac{6}{\quad} \quad \frac{20}{30} = \frac{2}{\quad}$ $\frac{\quad}{14} = \frac{2}{7}$ <p>Write equivalent fractions for the following, simplify them if you can!</p> $\frac{4}{8} = \frac{\quad}{\quad} \quad \frac{5}{15} = \frac{\quad}{\quad} \quad \frac{6}{10} = \frac{\quad}{\quad} \quad \frac{2}{4} = \frac{\quad}{\quad} \quad \frac{3}{9} = \frac{\quad}{\quad}$ $\frac{8}{12} = \frac{\quad}{\quad}$ <p>Here are some fraction cards. All of the fractions are equivalent.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid red; border-radius: 10px; padding: 5px; text-align: center;">$\frac{4}{A}$</div> <div style="border: 1px solid red; border-radius: 10px; padding: 5px; text-align: center;">$\frac{B}{C}$</div> <div style="border: 1px solid red; border-radius: 10px; padding: 5px; text-align: center;">$\frac{20}{50}$</div> </div> <p>A + B = 16 Calculate the value of C.</p> <p>Write your own problems to solve.</p>	<p>LO: to make a comic strip version of a Greek Myth</p> <p>Go to: https://greece.mrdonn.org/greekgods/icarus.html An Ancient Greek Myth for Kids- Icarus and Daedalus and read the story. Turn it into a comic strip or Scratch presentation with clear captions.</p>
9	<p>INVENT YOUR OWN VERSION OF CINDERELLA. (write in the first person (as Cinderella – I, we...) or in the third person (she, he, they))</p> <p>Use the picture for ideas or invent a completely different version of the story. Write the story and illustrate another scene from your story.</p> <p>SC: <u>Expanded noun phrases</u> <u>Relative clauses</u> <u>Past tense</u></p>	<p>LO: To change between mixed numbers and improper fractions.</p> <p>Change to mixed numbers, e.g. $\frac{8}{5} = 1 \frac{3}{5}$</p> $\frac{6}{4} = \frac{\quad}{4} \quad \frac{5}{2} = \frac{\quad}{2} \quad \frac{13}{7} = \frac{\quad}{7} \quad \frac{54}{8} = \frac{\quad}{8}$ $\frac{\quad}{8}$ <p>Change to improper fractions (remember to multiply the whole number by the denominator and add the numerator).</p> $2 \frac{2}{4} = \frac{\quad}{\quad} \quad 3 \frac{3}{7} = \frac{\quad}{\quad} \quad 6 \frac{4}{5} = \frac{\quad}{\quad} \quad 7 \frac{7}{8} = \frac{\quad}{\quad}$ $9 \frac{11}{12} = \frac{\quad}{\quad}$ <p>Create your own questions to solve: increase the value of the denominator for extra challenge!</p>	<p>LO: To investigate a famous ancient Greek who has influenced us today.</p> <p>Try http://www.primaryhomeworkhelp.co.uk/greece/famous.htm To find out about Plato, Aristotle or another famous Greek.</p> <p>Write a three paragraph report to show what you found out.</p>



STORY STARTER!

The moment they had feared was finally upon them; the electric storm had arrived.

With the world in ruins, they began to board the ship in hope of salvation...

QUESTION TIME!

What do you think is happening in the picture?

Why are the animals boarding the ship?

Who built the ship? Why was it built?

How do you think the animals boarding the ship might be feeling? Will they have conflicting emotions?

Where do you think the ship is heading?

Is it possible one day that humans will live somewhere other than the Earth?

SENTENCE CHALLENGE!

Insert commas in the correct places in the sentence below.

LO: To add and subtract fractions.

Change your answers to mixed numbers:

$$\frac{2}{5} + \frac{4}{5} = \frac{5}{9} + \frac{6}{9} = \frac{16}{11} - \frac{2}{11} = \frac{14}{9} - \frac{4}{9} =$$

Remember you need to find a common denominator (change into equivalent fractions):

$$\frac{1}{5} + \frac{8}{15} \quad \frac{1}{2} + \frac{5}{6} \quad \frac{7}{9} + \frac{1}{3} \quad \frac{5}{8} - \frac{2}{4} \quad \frac{11}{12} - \frac{2}{4} \quad \frac{4}{5} - \frac{1}{2}$$

Write your own addition and subtraction questions using mixed numbers e.g. $1\frac{1}{4}$

$$+ 3\frac{2}{4} = 4\frac{3}{4}$$

Can you write one with different denominators?

LO: To create a mini-Olympic activity that will increase your heart rate

Can you make up an exercise routine that increases your heart rate? You could include:

- star jumps
- high knees
- running on the spot
- skipping

Find someone in your house to teach the routine to. Measure and record your pulse before and after.

Feeling extremely anxious the animals walked up to the large metal doors trying to ignore the streaks of lightning all around them.

PERFECT PICTURE!

Imagine you could see inside the ship. Draw and describe what it might be like.