

Year 4 Nova Home Learning

Da y
Writing Task
 Please remember to practise your spellings. You can use your Spelling Shed Log in.
Also use <https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar> for games and activities to practice your SPaG.

Maths Task
 Please practice your times tables daily!
Continue to use TTRS as often as you can. We were the most active year groups in school – let's keep it that way!

Line of Enquiry Task.
 Our new Line of Enquiry for T5&6 will be 'What's the most important thing about chocolate?'
 Feel free to undertake your own research around chocolate and Mayans. There will be a variety of tasks for you to complete.

1
LO: To use different sentence types.

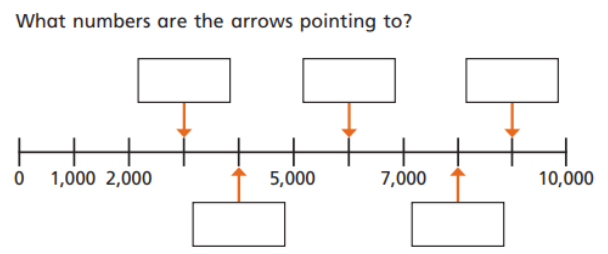


READ THE STORY STARTER:
 In the blink of an eye, the wind dropped and the glistening snow fell still. Until now, they had no idea how far they had left to walk, but now their destination was clearly in their sights. They cut a whole in the fence. Clambered through. Eyes wide and footsteps slow as they anticipated what may be in store for them next...

Can you continue this story about the explorers at the final stage of their journey? Can you describe what they see as they approach the building? What is in there and why are they going there? Do they get back home? Use a variety of sentence lengths. Longer for description, shorter for dramatic effect.

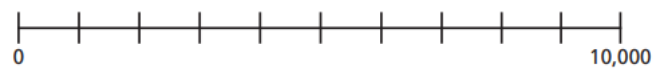
Sentence challenge!

LO: To place numbers on a number line to 10,000.

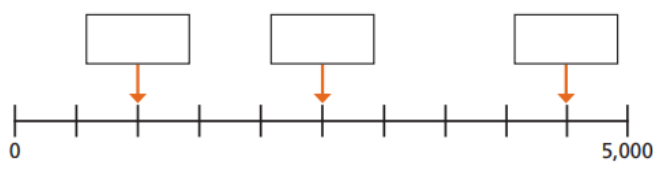


Label the number line with these numbers.

3,000 500 5,000 7,000



What numbers are the arrows pointing to?



History & DT LO: To research differences in common chocolate.

We all love to have some chocolate for a treat, but how much do you actually know about the yummy treat?

Create a fact file poster all about different types of chocolate – what are the most popular brands in the UK? The world?

What different types of chocolate are there?

What makes them different?
 Research recipes, ingredients and flavour profiles.

Good writers always try to use different sentence types, can you include at least a statement, command, exclamation and a question? E.g:

Statement: Standing in the distance, the disused facility was enormour.

Command: "Get up that hill," Peter bellowed.

Exclamation: Suddenly, the doors slammed shut!

Question: "Do you have any idea what's on the other side of that door?" Asked Charlotte.

Challenge: Draw your own number line, label the start and end with any multiple of 1000 between 1000 and 10,000.

Set different intervals, for example rising by 500/1000/2000 each time. Can an adult of sibling at home work out the missing intervals?



2 **LO: To use apostrophes for possession.**

We use apostrophes for possession to show when something belongs to someone or something.

E.g. The dog's lead is made of leather.

Helen's skirt was very fashionable.

The children's playtime was very busy.

Copy out this short paragraph and identify where the apostrophes should go. Some may be in the wrong places!

Jamies coach was not happy with his attendance. He picked up the ball's and threw them across the court, scattered between the students feet. Jamie went to pick them all up, as he heard what sounded like the crows croak taunting him. After a while, a few of his friend's decided to help him, and the coachs face beemed with pride at their team work.

LO: To find 10, 100 or 1000 more or less.

Use the place value chart to help you complete the sentences.

Th	H	T	O
●●	●	●●●●●●●●	●●

- a) 1,000 more than 4,192 is
- b) 100 more than 4,192 is
100 less than 4,192 is
- c) 10 less than 4,192 is
10 more than 4,192 is
- d) 1 less than 4,192 is
1 more than 4 192 is

PE LO: To increase coordination

Instant PE task

'Flick up a bean bag to catch'

Gameplay

1. Put a bean bag on your foot
2. Quickly flick it up in the air
3. Catch it with 1 hand

Try to complete:

- 10 times from your right foot
- 10 times from your left foot

CO-ORDINATION

Does NOT have to be a bean bag – grab anything that will balance on your foot! Pencil case? Small cushion? Bag of rice? Don't make a mess though!

a) Mo thinks of a number.
 1,000 less than Mo's number is 5,751
 What is 10 less than Mo's number?

b) 1 less than Ron's number is 100 more than Mo's number.
 What is Ron's number?

3

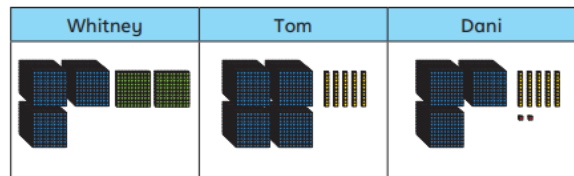
LO: To use apostrophes for omission

cannot	→
who is	→
is not	→
they are	→
has not	→
could not	→
it is	→

How many more examples can you think of? Use them in a sentence.

LO: To order numbers up to 10,000.

Whitney, Tom and Dani are making numbers with base 10



a) Who has made the greatest number? _____

Explain how you know.

Circle the greatest number.

1,700 3,803 7,500 5,270

Order these numbers from greatest to smallest:

6729 4999 9009 10,000

1000 3726 6789 9090

Geography LO: To revise knowledge of continents and oceans.

Start of by discussing with an adult at home what a continent and an ocean is. How are they different from a country and a sea?

Using a combination of a globe, atlas, map or online tools such as google earth, research and locate the world's 7 continents and 5 oceans.

You could draw/colour/label them to really reinforce your knowledge! Try going on <https://online.seterra.com/en/vgp/3188> to test yourself.

The table shows the distances of five cities from London.

City	Distance from London
New York	5,570 km
Barcelona	1,138 km
Cairo	3,511 km
Oslo	1,150 km
Rome	1,435 km

- a) Which of these cities is closest to London? _____
- b) Which city is furthest from London? _____
- c) Which city is 3rd closest to London? _____

4

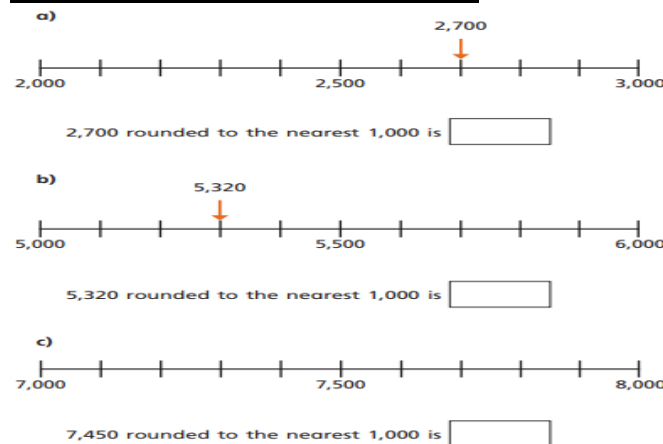
LO: To use 'a' or 'an' correctly.



Use 'A' when there is a consonant sound after: a bear.

Use 'An' when there is a vowel sound after: an elephant.

LO: To round to the nearest 1000.



Geography LO: To identify the countries of the Americas and their capital cities.

Using a combination of a globe, atlas, map or online tools such as google earth, research and locate all of the different countries and capital cities within the continent of the Americas.

Group these words into a table for 'A' or 'An' and then add 6 of your own.

Animal Plate Laptop Envelope
Iron Carpet Obstacle Table

Round these numbers to the nearest 1000:

1240 4790 3555 9090

9900 962 7981 3499



Challenge: Can you find what part of the Americas the Mayan civilization originated?

5 **LO: To use conjunctions.**

Coordinating Conjunctions

join like with like.



Subordinating Conjunctions

join subordinate clauses to main clauses.



Write at least 6 sentences which use a coordinating or subordinating conjunctions to link the phrases or clauses together. Link these to the picture you wrote about previously.

Watch these clips to remind yourself:

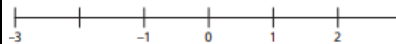
<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zqk37p3>

<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/z9wvqhv>

LO: To count negative numbers accurately.

Complete the number lines.

a)



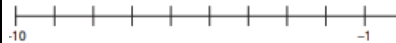
b)



c)



d)



Practice reading negative numbers and comparing with positive numbers:

<https://www.topmarks.co.uk/Flash.aspx?f=Temperatur ev2>

DT LO: To compare a traditional and contemporary chocolate recipe.

Use the internet to research how the chocolate we can buy in the shops has changed.



You could research a particular brand and find out what they have done to their recipe.

Find two different chocolate recipes: what is different? How is one more traditional than a modern chocolate?

Challenge: Taste Test

Do you have any different brands/types of chocolate at home? If you do, take a small piece of 3 different pieces and compare the smell, taste and texture.

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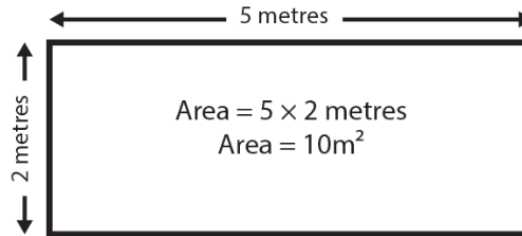
Day	Writing Task	Maths Task	Line of Enquiry Task.												
1	<p>Writing Task Please remember to practise your spellings. You can use your Spelling Shed Log in. Also use https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar for games and activities to practice your SPaG.</p>	<p>Maths Task Please practice your times tables daily! Continue to use TTRS as often as you can. We were the most active year groups in school – let's keep it that way!</p>	<p>Line of Enquiry Task. Our new Line of Enquiry for T5&6 will be 'What's the most important thing about chocolate?' Feel free to undertake your own research around chocolate and Mayans. There will be a variety of tasks for you to complete.</p>												
	<p>LO: To use adverbs when describing</p>  <p>READ THE STORY STARTER:</p> <p>She bared her teeth and began the walk. With her vulnerable young following nervously behind her as she scoped the forest, her paws trembled on the ground, and her sensitive whiskers pricked up. Now that their home had been taken over, and dark couds gathered above them, she was desperate to find a new place to call home again. It was their only chance...</p> <p>Can you continue the story of the tigers as they strive to find a new home? Make sure that adverbs give more detail to any descriptions.</p>	<p>LO: To convert between metres and kilometres.</p> <p>There are 1,000 metres (m) in 1 kilometre (km). Use the bar models to complete the sentences.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td style="background-color: #d9ead3;">1 km</td></tr> <tr><td style="background-color: #f4cccc;">1,000 m</td></tr> </table> <p>a)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td style="background-color: #d9ead3;">1 km</td><td style="background-color: #d9ead3;">1 km</td></tr> <tr><td style="width: 40px; height: 20px;"></td><td style="width: 40px; height: 20px;"></td></tr> </table> <p>There are <input style="width: 40px;" type="text"/> m in 2 km.</p> <p>b)</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td style="background-color: #d9ead3;">1 km</td><td style="background-color: #d9ead3;">1 km</td><td style="background-color: #d9ead3;">1 km</td></tr> <tr><td style="width: 40px; height: 20px;"></td><td style="width: 40px; height: 20px;"></td><td style="width: 40px; height: 20px;"></td></tr> </table> <p>There are <input style="width: 40px;" type="text"/> m in 3 km.</p>	1 km	1,000 m	1 km	1 km			1 km	1 km	1 km				<p>ART LO: To experiment with pattern, colour or shading.</p> <p>One circle, four quarters and lots of imagination when it comes to pattern, colour or shading!</p> 
1 km															
1,000 m															
1 km	1 km														
1 km	1 km	1 km													

	<p>Sentence challenge! Can you use adverbs in your writing to describe how something is done? Can you use adverbs before nouns? Can you use adverbs after nouns?</p>	<p>Complete the statements.</p> <p>a) 6,000 m = <input type="text"/> km</p> <p>6,100 m = <input type="text"/> km <input type="text"/> m</p> <p>6,200 m = <input type="text"/> km <input type="text"/> m</p> <p>6,450 m = <input type="text"/> km <input type="text"/> m</p> <p>b) 4,300 m = <input type="text"/> km <input type="text"/> m</p> <p>5,300 m = <input type="text"/> km <input type="text"/> m</p> <p>6,300 m = <input type="text"/> km <input type="text"/> m</p>	
2	<p><u>LO: To use speech punctuated correctly.</u></p> <p><u>Direct Speech</u> – this is when you write down exactly what the person is saying. You will need to use inverted commas. <i>“I don’t want to eat my cabbage,” Peter grumbled to his mother.</i></p> <p>Write 6 examples of direct speech, adding to the Tiger story from yesterday.</p>	<p><u>LO: To calculate perimeter of different shapes.</u></p> <p>Find a tape measure or ruler at home. Hunt around your house for 10 different objects which have atleast 3 straight sides, then measure the perimeter.</p> <p>Remember, perimeter is the total distance around the outside of a shape. Measure each side and add together.</p>	<p><u>PE LO: To increase accuracy of throwing</u> Get those empty plastic bottles or containers from the recycling box. Set them up as targets and aim your throw to hit them with a ball (or small cushion!) You could even develop a points system.</p>
3	<p><u>LO: To use prefixes and suffixes.</u></p> <p>We use prefixes or suffixes to change the meaning or context of a word in a sentence. Example: Play – replay/playful/player/display Match these prefixes and suffixes with the correct root word.</p> <p><u>Prefixes</u> Dis/re/in/mis/il</p> <p><u>Suffixes</u> Able/ation/tious/tial/</p> <p><u>Root Words</u></p>	<p><u>LO: To calculate the area of squares and rectangles.</u></p> <p>Get your tape measure back out from yesterday, you will also need your multiplication skills at the ready for this task!</p> <p>Find 10 objects around your home, a mixture of squares and rectangles. Measure the Length and Width of the shape, then multiply these numbers together to find the area = the total amount</p>	<p><u>History LO: To research the ancient Mayan civilization.</u></p> <p>Use the internet to research these key facts about the Mayans: Who were the Mayans? When did the Mayans live? Where did the Mayans live? What are the Mayans famous for?</p> <p>Once you have a solid list, create a poster ‘All About the Mayans.’</p>

Accept
Celebrate
Confident
Infect
Advantage
Behave
Write
Accurate
Legal

Challenge: Can you write the root word and modified word in different sentences to show how it changes the meaning?

of space inside. Remember to give your answer in cm².



As a bonus, you may want to research Mayan art work or patterns and add a detailed picture to your poster.

4 **LO: To write a diary entry using fronted adverbials and conjunctions.**

Go back to the story of the Tiger and her cubs in the forest.

Make sure you use fronted adverbials to make your sentence openers varied and conjunctions to link clauses together.

- Include the date and/or time.
- Write in the past tense.
- Use the words 'I', 'we', 'my' and 'our'.
- Write about the most important events.
- Tell the events in order.
- Talk about where events happened.
- Describe your feelings.
- Use time words (first, next, before).

LO: To multiply 2-digit by 1-digit
To multiply 3-digit by 1-digit.

$\begin{array}{r} 41 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ \times 9 \\ \hline \end{array}$
$\begin{array}{r} 46 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ \times 3 \\ \hline \end{array}$
$\begin{array}{r} 253 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 164 \\ \times 5 \\ \hline \end{array}$
$\begin{array}{r} 137 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 718 \\ \times 8 \\ \hline \end{array}$

DT LO: To write a recipe for your own chocolate.

Think back to your chocolate taste test and research from last week.

Imagine you are starting work at a sweet shop – you are going to be the chief chocolatier! The shop want to completely change their chocolate menu and are counting on you for some new creations.

Create a recipe for white chocolate, milk chocolate and dark chocolate. Make sure you have at least 3 full recipes to go on your menu.

First you will need to find the basic ingredients to make the chocolate, once you have done this you will need to think of the extra ingredients you want to add.

Example: Chewy bear milk chocolate.
To make the chocolate: Cocoa powder, milk powder, powdered sugar, vanilla or chocolate extract and coconut oil.

Extra ingredients: Gummy bears and rings.

Method:

			<p>Melt coconut oil in a saucepan over medium to high heat.</p> <p>Add the sugar and stir gently.</p> <p>Add cocoa and milk powder and fold the ingredients in while stirring.</p> <p>Add the vanilla or chocolate extract to bring a kick to the chocolaty flavor.</p> <p>Mix everything until a smooth and silky consistency is achieved.</p> <p>While it is still smooth and silky, add your gummy sweets and mix well to ensure an even mixture.</p> <p>Pour the chocolate mixture into silicone molds. If you don't have any, you can simply use an ice tray.</p> <p>Shake and tap the mold a bit to remove any air bubbles that might be present.</p> <p>Refrigerate the chocolate for 2 hours or until the chocolate completely sets.</p>
5	<p><u>LO: To use persuasive writing.</u> What is your favourite type of chocolate?</p> <p>Think of a brand and type, e.g. galaxy milk or Cadbury Bourneville dark.</p> <p>Now think of your least favourite.</p> <p>Your job is to write a persuasive text, trying to persuade somebody else (teacher/adult at home/sibling) why your most and least favourite choices are absolutely right!</p> <p>You will need a minimum of 2 paragraphs – one persuading why your favourite is the best and one persuading why your least favourite is the worst. Try to include an introduction as well to introduce what your text is about.</p> <p>You will need to make sure you have reasons, facts and evidence to back up your choices. Ensure you use causal conjunctions (as a result,</p>	<p><u>LO: To divide by 2-digits by 1-digit</u> <u>LO: To divide 3-digits by 1-digit.</u></p> <p>Remember to partition the 2 digit number to help you find multiples of it, if needed.</p> $9 \overline{)603} \qquad 7 \overline{)343}$ $3 \overline{)96} \qquad 5 \overline{)455}$	<p><u>DT LO: To create a menu.</u></p> <p>So you have your recipes and ingredients, next you need to create a menu!</p> <p>Start by creating your front cover – you will need a name for your chocolate shop along with some mouth-watering pictures to entice your diners!</p> <p>Once you have done this, you can do the inside. Start with a description on the inside page as to why your chocolate shop is so good – especially what makes your chocolate different!</p> <p>Finally you can add your own products. Make sure you list their name, price and a delicious description to tempt your hungry diners.</p>

however, therefore) to link your argument together. Remember, it needs to persuade someone who thinks the opposite so it better be convincing!

$$3 \overline{)93}$$

$$6 \overline{)492}$$

$$8 \overline{)264}$$

$$9 \overline{)252}$$

