




Year 4 Nova Home Learning

Day	<p>Writing Task Please remember to practise your spellings (See Spelling Shed logins) and joined handwriting every day.</p> <p><u>Read quietly or aloud each day too.</u></p>	<p>Maths Task Please play Time Table Rockstars to practise your fluency!</p> <p>Remember to click on Year 5 and have a go on this! https://whiterosemaths.com/homelearning/</p>	<p>Line of Enquiry Task (If your child has their own ideas for a project, feel free to let them be creative and follow that 'line of enquiry' too)</p> <p>MUSIC: go to https://www.singup.org/singupathome/ for free sign up to some fab activities!</p> <p>Wellbeing activities: https://www.gonoodle.com/ https://www.cosmickids.com/</p> <p>Art: https://www.tate.org.uk/kids</p>
1	<p><u>LO: to infer using information in a picture</u></p>  <p>Story starter!</p> <p>New York is falling! The words rang in Jim's head. They were the last words to crackle out of the radio before it stopped broadcasting. That had been three days ago. Jim had not heard any words since then...</p> <p>Question time! Why had the radio stopped working? Why hasn't Jim heard any words for three days? What has happened in New York? How do you know the picture is New York? How do you think Jim is feeling? What will he do next? What would you do in Jim's position? Has this disaster struck in just this city, or are others affected?</p>	<p><u>LO: To compare properties of quadrilaterals.</u></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>1) For each of these quadrilaterals, write the name, number of equal sides, right angles and pairs of parallel sides.</p>  <p>a) b) c)</p> <p>2) Draw a quadrilateral with these properties:</p> <ul style="list-style-type: none"> - two pairs of equal length sides - no right angles - not a parallelogram <p>What could your quadrilateral be? What quadrilaterals could you definitely not draw from this description?</p> <p style="text-align: right; font-size: small;">twinkl.com</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>1) What do any of these shapes have in common? What is different about them?</p>  <p>2) Use isometric (dotty) paper to investigate how many quadrilaterals you can draw which have:</p> <ol style="list-style-type: none"> a) only one set of parallel lines; b) no right angles; c) all sides of equal length. <p style="text-align: right; font-size: small;">twinkl.com</p> </div>	<p>P.E.</p> <p><u>LO: to complete a sequence of jumps</u></p> <p>You can play this by yourself or with someone at home! You will need a dice and paper to write your own set of exercises. If you don't have a dice, ask a parent to type 'dice' into Google for you to use.</p> <p style="text-align: center;">How to play:</p> <ul style="list-style-type: none"> • Play with a partner, take turns to roll a dice. • Look at the number you have rolled and then complete the correct jumping exercises: <p>Roll a 1 – Perform 20 star jumps Roll a 2 – Perform 20 tuck jumps Roll a 3 – Perform 20 pencil jumps Roll a 4 – Perform 20 jumps with a ½ turn Roll a 5 – Perform 20 jumps with a full turn Roll a 6 – Perform 20 squat jumps</p> <ul style="list-style-type: none"> • The first player to complete all of the activities listed above is the winner. <p>This video demonstrates each move: https://www.youtube.com/watch?v=ufTx2tT_VQ&list=PLnwoPgo24bhmqV8Y76iXnwYw9T9Alx_bqJ&index=25&t=0s</p> <p>Challenge: make your own 6 moves and change how many of each!</p>

Task: Write the next paragraph of the story, use your answers from the question challenge to support you.

LO: To use colons and commas in a list.



Sentence challenge!

Can you use a colon to start a list?

E.g. Jim was hit by a series of strong emotions: shock, panic, despair and fear. He didn't know what to do next...

Bonus task – Perfect Picture:

One of the first things Jim will do next is to find supplies to help him survive. Can you draw 10 different things that Jim might look to obtain to help him survive?

For example, he might try to find tins of food and bottled water.

2

LO: To identify lines of symmetry.

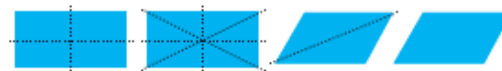
1) Draw all of the lines of symmetry on these shapes using a ruler.



How many lines of symmetry does each shape have?

Write the answer under each shape.

2) Circle the shapes that have all their correct lines of symmetry drawn on:



Trace over any incorrect lines of symmetry in a different colour.

1) Are these statements always, sometimes or never true?

- a) A triangle has at least one line of symmetry. _____
- b) A circle has an infinite number of lines of symmetry. _____
- c) A pentagon has ten lines of symmetry. _____
- d) A parallelogram has no lines of symmetry. _____

2) This line of symmetry is incorrect. Explain why in your book.



History LO: To research & discuss the gods & beliefs of the Maya people.

Read the following prompt cards with an adult or sibling at home. If you are unsure on the meanings, research them online and then discuss your opinions or write them down.

How do the beliefs of the ancient Maya compare with different religious beliefs today? Can you find any similarities?

Would you like to be alive in the 1st millennium and living with the Maya people? What would be the pros & cons.

Why do you think the ancient Maya had so many different gods?

Where does a lot of the evidence for what we know today come from?

The ancient Maya believed their souls went to a 'place of fear.' Only the rulers and nobles believed there was a chance of them getting to the upperworld. Why do you think this was?

https://kids.kiddle.co/Mayan_civilization

3

LO: To improve sentences using a variety of punctuation and grammar features.

LO: To identify properties of different triangles.

Art LO: To use different materials to create texture and pattern.

Sick sentences!

These sentences are 'sick' and need your help to get better. Can you help?

Jim stood in the city. It was messy. It was very quiet. Jim felt scared.

Jim walked down the street. It felt strange. He decided to try and find supplies.

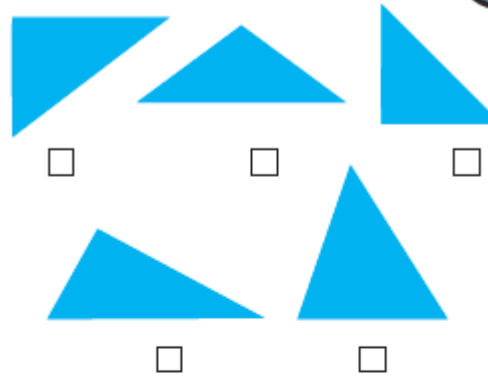
Later that day Jim had found food and water. He felt a bit nervous as he set off for his next destination.

He thought he saw someone who looked like they were in trouble so he carefully moved forward and offered them help.

Think of the features we have regularly practised this year, how can you use them to make these sentences more interesting? Think about how you could use: Fronted adverbials, conjunctions, expanded noun phrases, similes/metaphors.

Remember to pay attention to punctuation too – full stops, commas, capital letters, exclamation marks. Make use of these to make your writing flow!

- 1) Circle any scalene triangles.
Tick any right-angled triangles.



- 2) Name the type of triangle you have not circled or ticked.

- 1) What are the differences between these two triangles?

What is similar about them?



- 2) Tick the statements that are true:
- A scalene triangle never has equal length sides.
 - An isosceles triangle can never have a right angle.
 - An isosceles triangle has three equal angles.
 - An equilateral triangle has three equal length sides.

Choose one of your true statements and prove it!



VectorStock®

VectorStock.com/20177071

Maya masks!

The Maya made many different masks. Some were delicate mosaics made out of stones or jewels, some were created to represent gods, some showed faces of animals. Use a balloon, paper mache or card to make a 3D mask, and then use a variety of materials from your house and/or garden to create a mosaic or animal design.

Go to:
<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zp937p3>

Complete the tasks to recap fronted adverbials.
Then, write a paragraph to describe the setting of this picture. Include at least five fronted adverbials.

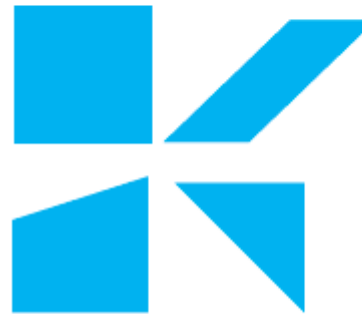


Remember: they come at the start of a sentence to tell you how, why or where something happened. Don't forget the comma!

1) Circle the obtuse angles:



2) Look at these shapes. Label each of the interior angles as obtuse, acute or a right angle.



1) Which angle is the odd one out?
Explain your answer in your book.



2) Romesh says, "A triangle can have two obtuse angles."

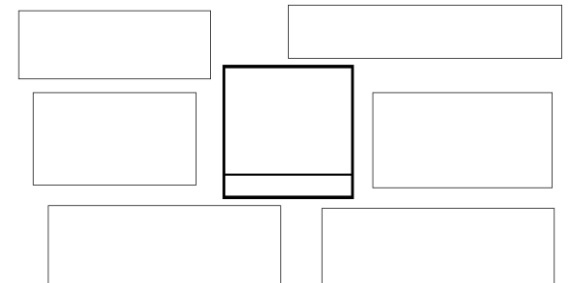
Is he correct? _____

Prove it in your book.

Research some typical food that would be eaten by the ancient Maya. Find a picture of your favourite, draw and label it in the middle of a piece of paper.

What interesting facts can you find out about your food item? Can you still find them today? Where? How might they be used in cooking and in what countries are they most popular.

Below is an example of how you could lay out your research.



LO: To consolidate coordinating conjunctions.

1. Which sentence uses a coordinating conjunction correctly?

- A. Evie likes the steamed broccoli, so loves the delicious cauliflower cheese.
- B. I have been poorly over the weekend, yet I still completed my homework.
- C. Would you like to visit your cousins, nor go to the cinema this weekend?

2. Complete each sentence with one of the coordinating conjunctions below.

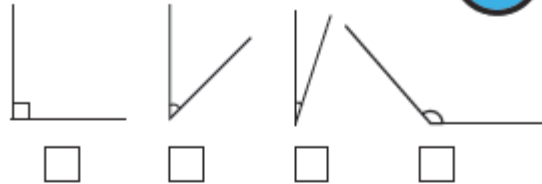
or

so

- A. It is raining, _____ I'll have to take an umbrella with me.
- B. Would you like peas, _____ would you prefer beans?

LO: To compare and order angles.

- 1) Order these angles from smallest to largest by labelling them from 1-4.



- 2) Look at this shape and use $<$ and $>$ symbols to complete the statements below.

angle a angle c

angle b angle a

angle d angle a

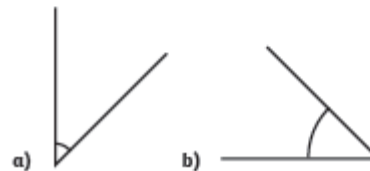


- 3) Label two of the angles in the shape above as either acute or obtuse.

- 1) Which of these shapes is the odd one out based on its angles? _____ Explain your answer in your book.



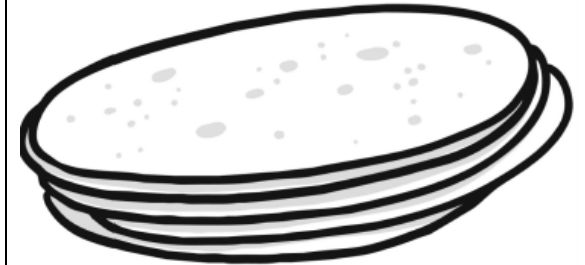
- 2) Tilly says, "Angle b is the largest." Jaz says, "The angles are the same size." Whom do you agree with? Explain why in your book.



DT LO: To prepare and weigh ingredients for cooking.

Tortilla Recipe

(makes 12)



You will need:

225g corn	A mixing bowl
1 teaspoon salt	spoon
40g butter or margarine	Weighing scales
120 ml cold water	Rolling pin
1 teaspoon baking powder	Frying pan
Oil for frying	

- Carefully weigh out the corn into a bowl.
- Add the salt and baking powder and stir.
- Add the butter or margarine and rub the mixture together with your fingers until it looks like bread-crumbs.
- Pour in the water and mix everything together with your hands to make a dough.
- Knead the dough, if it is too sticky add more corn.
- Cover the bowl and leave for 10 minutes.
- Divide the dough into golf-ball-sized balls.
- Sprinkle the work surface with flour and use a rolling pin to roll each ball into a circle.
- Heat up a little oil in a pan and fry the tortillas one at a time. When the top is slightly bubbly, turn it over and cook the other side.

3. Circle the coordinating conjunction in the sentence below. What is its function?

Lena didn't like the music, nor the food that was served at the party.

- A. Joins two clauses that agree.**
- B. Adds more negative information.**
- C. Explains the first clause.**

4. Rewrite these sentences and change the coordinating conjunctions.

A. The weather forecast said it would be hot today, for I didn't believe it.

B. I took my jumper off, nor it was warm outside.

10. Leave to cool, and then try them plain or add your favourite toppings and make wraps!

