



## HOME LEARNING

YEAR 4

08/07/2020

### Morning Message

Good morning year 4!

Here is the zoom meeting ID, which will be the same for all lessons.

**812-8477-8145**

Your parents will receive the password via email.

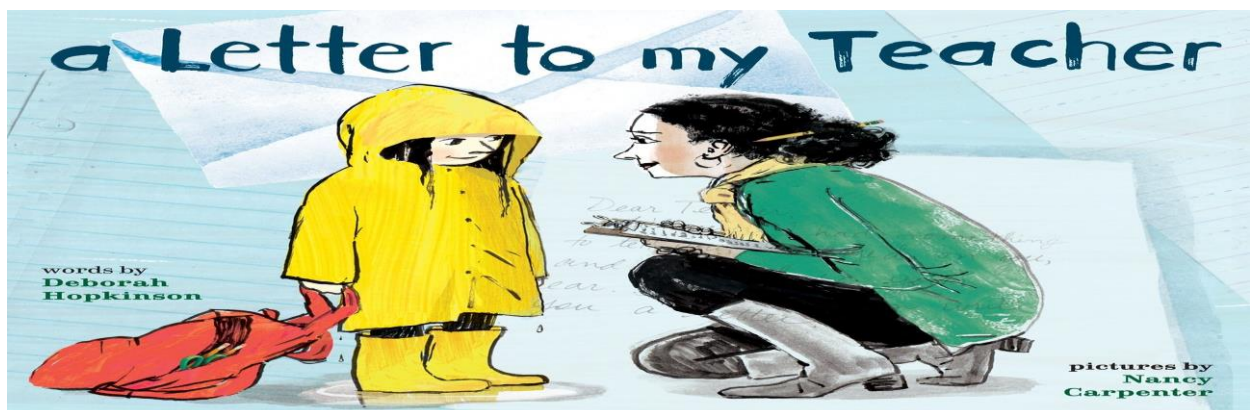
Over the next two days in English, you will be writing the main paragraphs of your letter to your new teacher. Your new teacher will be thrilled to read them! In maths you will be deducing facts about shapes. I am so proud about your enthusiasm on zoom. Keep it up year 4.

Please also remember to log on to **Accelerated Reader** when you finish a book to complete a quiz. Continue practising your spellings and multiplication tables. For this, you will be using Purple Mash-**Monster Multiplication**. Please make sure you read every day.

Let us have an awesome day everyone!

Ms Foster, Ms Greenaway & Mr Sowa

### Today's Picture



## Writing

### **LO: to write the body of a letter**

Using our plans from yesterday, we are going to write 3 detailed paragraphs about:

- our interests outside of school
- our interests in school
- what we are looking forward to next year

Try to make it interesting for your teacher to read! Maybe you could include some interesting facts about yourself or the world?

At the end of your letter, sign off. We do not want our letter to be too serious so any of the following would be fine:

- See you soon
- Best wishes
- Can't wait for next year
- Have a lovely break

Or maybe you can think of your own?

## Reading

Day 3

In your home learning writing book write today's date in the margin and write:

### **Reading -Day 3 Teacher comprehension questions.**

Re-read this week's text and answer these questions. You do not need to write out the questions, but you do need to write in full sentences which means include part of the question in your answer.

1. What event is being organised for Earth Day this year? Write the correct one.
  - a) Go without electricity for an hour
  - b) Clean up your towns and the countryside

- c) Walk to work and school
- d) Plant a tree
- 2. Find and copy the word that means the same as 'break down naturally'
- 3. Why is it a bad thing that plastic stays in the ground for many years?
- 4. In your own words, explain the importance of eating less meat.
- 5. 'As you can see, there are lots of ways we can all take action and help the planet'  
Thinking about the advice in the text, what do you think would be the most difficult action to take? Explain your reasoning.
- 6. Explain what you would do to be more environmentally friendly, using evidence from the text.

Children to access **Accelerated Reader** whilst at home.

Please follow the link below to the exact same page as the children have seen in school:

<https://ukhosted3.renlearn.co.uk/1922510/Public/RPM/Login/Login.aspx?srcID=s>

## Maths

Year 4      Power Maths Book 4C      8-7-20      Pages 108 -110

### Geometry

Vocabulary:

quadrilateral, triangle, regular, irregular, interior angle, angle, acute, obtuse, reflect, right angle, symmetrical, isosceles, scalene, equilateral, line of symmetry, reflective symmetry

## Deducing facts about shapes

Discover



I can make an irregular hexagon!



Bella

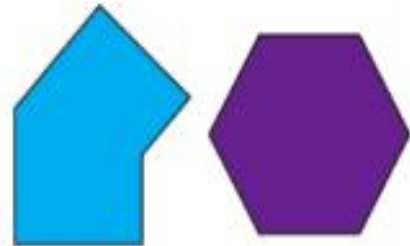
- 1** a) Bella has made a shape by overlapping two pieces of square paper. Explain why Bella's shape cannot be a regular hexagon.  
What other shapes could Bella make?
- b) What shape could Bella make with the largest number of corners?

## Share

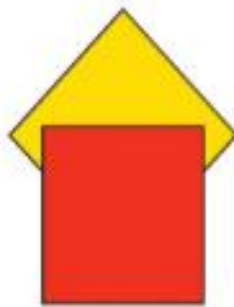
- a) The shape Bella has made cannot be a regular hexagon as the sides are not equal and the angles are not equal.

Regular shapes have equal length sides and equal angles.

Bella could use her squares of paper to create shapes such as these.



Rectangle



Irregular heptagon



Irregular octagon

I think there are more shapes she could make.



- b) To make the shape with the largest number of corners, Bella should arrange the two squares like this:



This shape is called a hexadecagon.



## Think together

- 1 Raj makes this shape with two different quadrilateral pieces of paper.

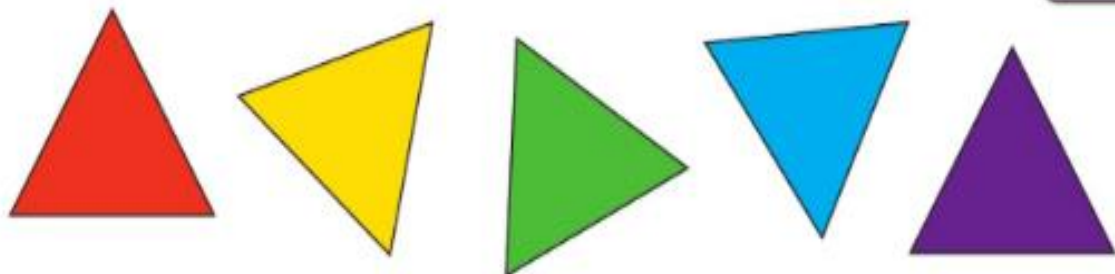
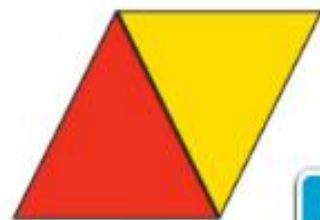


What shapes could they have been?

- 2 Ruby has five equilateral triangles. She joins them along their edges to make different shapes.

Ruby has made a rhombus using two of the triangles.

What different shapes can she make?  
(She does not have to use them all.)



Prove your ideas.

- 3 a) Jamilla has made a pentagon by shading the area where two square pieces of paper overlap. What other shapes could Jamilla make in this way?



- b) Can she make all the different types of quadrilateral?  
Use the table to help you.

Quadrilateral	Can it be made?
square	
rectangle	
rhombus	
trapezium	
kite	
arrowhead	

I wonder if she can make a regular pentagon.



Now complete **pages 108 - 110** in your Power Maths books.

Tuesday and Thursday: Go on the Mathletics website to complete the tasks that have been set.

<https://www.mathletics.com/uk/>

## Weekly Spellings

**Spelling focus for the week:** We are revising the statutory spelling words for Year 4.

<b>isosceles</b>	<b>increase</b>	<b>irregular</b>
<b>important</b>	<b>knowledge</b>	<b>length</b>
<b>library</b>	<b>material</b>	<b>minute</b>
<b>symmetrical</b>	<b>quadrilateral</b>	<b>occasionally</b>
<b>ordinary</b>	<b>particular</b>	<b>interior</b>

**You should know what the word means and be able to use it in a sentence.**

## Foundation Work (for the week)

### Geography

#### North America: Fault lines and earthquakes

This week our foundation subject is **geography**. Previously we learnt about fault lines and tectonic plates.

Use these links to remind yourself what causes earthquakes:

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zi89t39>

<https://www.bbc.co.uk/teach/class-clips-video/geography-ks1--ks2-earthquakes/zbr2mfr>

<https://www.dkfindout.com/uk/earth/earthquakes/>

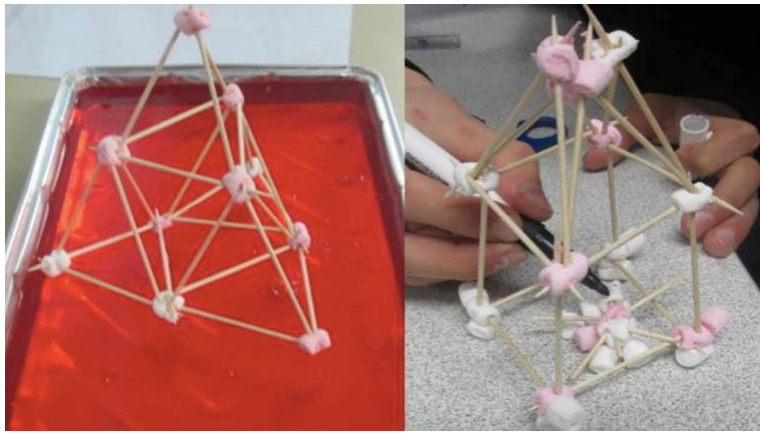


This week we are going to learn more about **earthquakes** and make an **information leaflet**.

**There is a 2do on purple mash when you are ready.**

### Optional task

You can try making an earthquake proof building with marshmallows and cocktail sticks. The jelly represents what happens to the ground when an earthquake happens.



This video shows you how to do the experiment:

[https://www.teachengineering.org/activities/view/cub\\_natdis\\_lesson03\\_activity1](https://www.teachengineering.org/activities/view/cub_natdis_lesson03_activity1)

## Diary

Write a diary of what work and activities you did today.  
Remember to include your **emotions and opinions**.