

<u>Maths</u>	<u>Literacy</u>	<u>Science</u>	<u>Topic</u>	<u>Creative</u>
<p><u>Measuring the perimeter of a shape.</u></p> <p><b>REMEMBER:</b> The perimeter is the distance all the way around the outside of a shape.</p> <p>On a piece of paper, use a ruler to draw lots of different sizes of rectangles. Measure each line to the nearest cm and then add all 4 measurements together to get the perimeter.</p>	<p>Write a set of instructions for How to trap a _____. (a creature of your choice)</p> <p>We were looking at instructional writing before school closed. Think about a title, subheading, introductions with rhetorical questions and then clear instructions using imperative(bossy)verbs and adverbs (ly words)</p>	<p><b>Can you grow a rainbow?</b></p> <p>See below for the instructions.</p>	<p>History:</p> <p>Carry out your own research into Iron Age hill forts. Create a fact file/poster telling me about them.</p> <p>I have included some links on the below pages that you may want to use.</p>	<p>Weigh out ingredients to make a cake/biscuits and then enjoy decorating and eating</p>
<p><u>TTRockstars</u></p> <p>Complete 5 soundchecks and 5 garage games.</p>	<p><u>Spellings.</u></p> <p>See the word list below. Learn how to spell the words. Maybe someone at home will test you on Friday.</p> <p>There are activities below to help you learn them.</p>	<p><b>Investigation.</b></p> <p><u>Making a string telephone (linked to our sound unit of work)</u></p> <p><b>See pages below for the link to the activity.</b></p>	<p>Do you have any unwanted items lying around? (boxes, paper, toilet rolls)</p> <p>Can you use them to create an Iron Age Hillfort? What else can you make?</p>	<p>Fill up a whole A4 piece of paper, carefully draw a portrait of yourself. Remember the shading skills we have already practised. Just use a pencil for your shading.</p>
<p>See Maths problems below.</p>	<p>Write a diary entry for a weekend during the lockdown.</p>	<p><u>Spring scavenger hunt.</u></p> <p>Go out and see what signs of spring you can see.</p> <p>I have included some pictures below to help you but you may see many more.</p>	<p>Create a family tree showing any siblings, parents or carers, grandparents, aunts, uncles and cousins you have.</p> <p>A template is attached to this pack.</p>	<p>Paint a spring picture.</p>

Find the perimeter of different rooms in your house. Which room has the largest perimeter?	<u>Handwriting</u> Find a short paragraph from a book of your choice. Copy it out in your neatest joined handwriting. Send me a photograph.			There are lots of mindfulness colouring on line that you could print out if you have facilities.
Column addition. See work below.	Read for at least 5 minutes a day. Keep a record of what you have read and write down what has happened. If you have finished a book, write a book review, telling me about the characters and what you liked so much about the book. Who would you recommend the book to and why?			<b>Become a composer!</b> Log onto Purple Mash. I have set you a 2DO task to create a sequence of music by dragging and dropping sounds into the grid. When you are happy with your master piece remember to save it and then I can listen to it.

## Physical activity

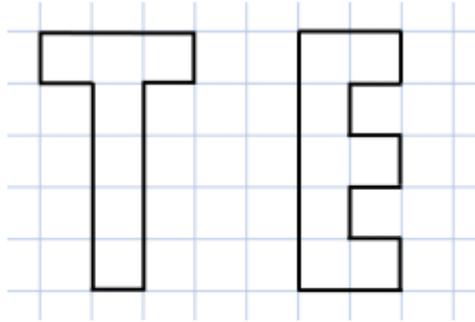
There are many websites/ YouTube channels to go to for exercise:

Joe Wicks, Go Noodle, BBC supermovers to name but a few.

If you don't fancy any of these, then the most important thing is for you to keep active.

## Maths Problems

Which of these shapes has the longest perimeter?



Explore other letters which could be drawn as rectilinear shapes.

Put them in order of shortest to longest perimeter.

Can you make a word?

\*rectilinear means straight lines.

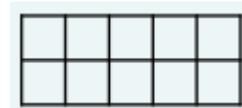
You have 10 paving stones to design a patio. The stones are one metre square.

The stones must be joined to each other so that at least one edge is joined corner to corner.



You may want to cut out 10 squares that are all the same size and see how many different ways the stones could be laid out so that at least 1 edge is touching.

Here is 1 example:



How many others can you find?

Which one has the largest perimeter?

YR4

Use the numbers below to create your own **addition** number sentences. You can choose to add 3 digit or 4 digit numbers and use the compact column method to find the answer. Don't forget to show your working out.

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

**Example:**

$$\begin{array}{r} 762 \\ + 638 \\ \hline 1300 \\ \hline \end{array}$$

How many different calculations can you do?

## Spellings to learn and use.

### Word List:

accident(ally)  
 actual(ly)  
 address  
 answer  
 appear  
 arrive  
 believe  
 bicycle  
 breath  
 breathe

Name: \_\_\_\_\_



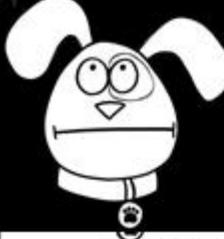
## Word search

a	r	a	e	p	p	a	c	w	q
r	k	o	z	b	r	e	a	t	h
r	r	b	e	l	i	e	v	e	y
i	a	c	c	i	d	e	n	t	l
v	d	t	u	b	e	s	c	x	l
e	d	i	a	n	s	w	e	r	a
b	r	e	a	t	h	e	g	o	u
i	e	o	d	v	h	t	m	s	t
k	s	b	y	r	t	n	l	y	c
a	s	e	l	c	y	c	i	b	a

**accident**  
**actually**  
**address**  
**answer**  
**appear**

**arrive**  
**believe**  
**bicycle**  
**breath**  
**breathe**

Name: \_\_\_\_\_



## Missing Words

Use the word bank to fill in the missing words in these sentences:

1. She couldn't \_\_\_\_\_ the last question on the test.
2. Jack was playing outside and \_\_\_\_\_ threw his ball over the fence.
3. When Mr Monty \_\_\_\_\_ (ed) at the train station, he had to stand in the queue to buy a ticket.
4. Fish can \_\_\_\_\_ under water.
5. The magician made a rabbit \_\_\_\_\_ out of his hat.
6. Mrs Laney told the class: "Always stand up for what you \_\_\_\_\_." © Happy Times
7. It was Sarah's first day in the new school. She took a deep \_\_\_\_\_ and entered the classroom.

**Word bank:** appear, breath, breathe, accidentally, answer, arrive, believe.

YR4

## History links

[https://kids.kiddle.co/Hill\\_fort](https://kids.kiddle.co/Hill_fort)

<https://www.bbc.co.uk/bitesize/topics/z82hsbk/articles/z8bkwmn>

<https://www.dkfindout.com/uk/history/iron-age/hill-forts/>

<https://www.bbc.co.uk/teach/class-clips-video/history-ks2-iron-age-forts-and-tribes/zngnvk7>

## Science

String telephone investigation

<https://www.sciencekids.co.nz/projects/stringphone.html>

## Science

# How to Grow a Rainbow

### You will need:

- Kitchen roll/paper towel
- Felt tip pens
- Two small bowls of water
- Paper clip
- Thread



1. Cut your kitchen roll into the shape of a rainbow.
2. Colour a rainbow with felt tips about 2 cm up on both sides.
3. Attach your paper clip to the top and tie a piece of thread to it. This will give you something to hold your rainbow with.
4. Fill each small container with water.
5. Hold your rainbow with the ends slightly submerged in the water then watch your rainbow grow!



### THE SCIENCE

A brief introduction to 'capillary action'! Water molecules like to stick to things - including themselves. Sticking to things is called *adhesion* and sticking to itself is called *cohesion*. The fibres in kitchen roll make lots of little holes. Water is 'sucked' through the holes because of adhesion (liking to stick to other things) and cohesion (liking to stick to itself) means the rest of the water follows. The water pressure will eventually slow down and the pressure of gravity will mean it stops moving.

©MrsBpriSTEM

If you are struggling to get this to work, try different pens – washable, water based felt tips work best.

**Spring scavenger hunt**

Spring Hunt Checklist

