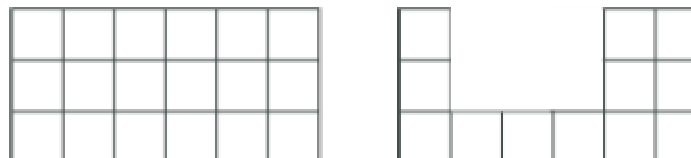


Maths
****Please also encourage your child to access Mathletics daily on top of or to help the work set****

Monday

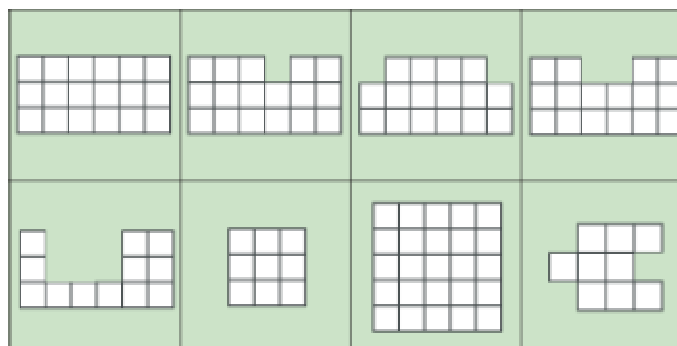
This week we have maths investigations based on our previous area learning:

What can you say about these two shapes?



What is the area of each one? What is the perimeter of each one?

What can you say about the shapes below?



Can you draw a shape in which the area is numerically equal to its perimeter? And another?

Can you draw a shape in which the perimeter is numerically twice the area?

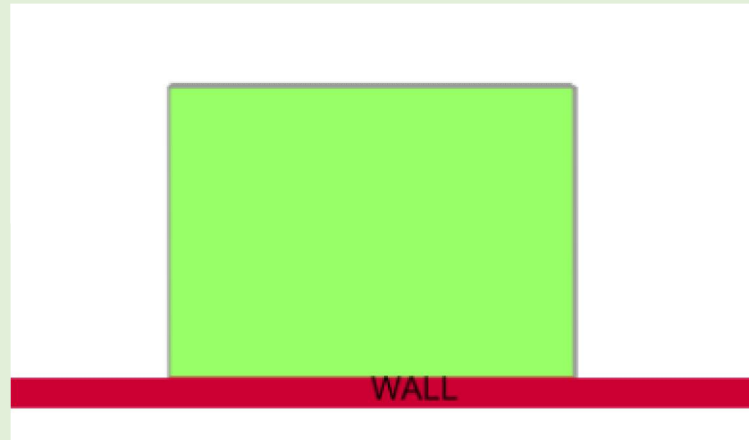
Can you draw a shape in which the area is numerically twice the perimeter?

Can you make the area of your shape go up but the perimeter go down?

Can you make the perimeter of your shape go up but the area go down?

		Can you draw some shapes that have the same area but different perimeters? Can you draw some shapes that have the same perimeter but different areas?
	Tuesday	How many other possible perimeters can you find, for a rectangle with an area of 24cm²? Here are some questions you might like to consider: • What other odd number perimeters can you make, if the area is 24cm²? • What is the smallest perimeter you can make, if the area is 24cm²? • What about the largest perimeter? • Which perimeters in between is it possible to make? Extension... • Is it possible to make a rectangle with a fractional perimeter but a whole number area? • Is it possible to make a rectangle with a whole number perimeter but a fractional area?
	Wednesday	Imagine you had 40 one-metre sections of fencing. What is the largest rectangular area of land you could fence off?

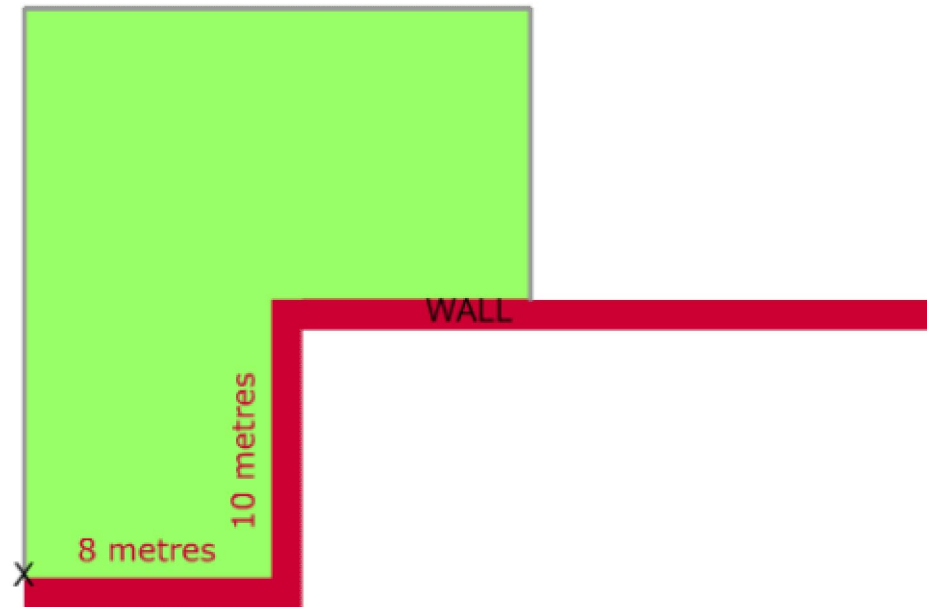
Now imagine you could build your fence up against a wall, so you only need to use the fence for three sides of the enclosure:



What is the largest area you can fence off now?

Thursday

Now imagine you can attach the fence to the wall shown below, at the point marked X.



What is the largest area you can fence off now?

Friday

I want to draw a square in which the perimeter is numerically equal to the area.

		 Of course, the perimeter will be measured in units of length, for example, centimetres (cm) while the area will be measured in square units, for example, square centimetres (cm²). What size square will I need to draw? What about drawing a rectangle that is twice as long as it is wide which still has a perimeter numerically equal to its area?
English **Please also encourage your child to read daily either	Monday	https://www.talk4writing.co.uk/wp-content/uploads/2020/04/Y6-Unit.pdf Is a unit of English work to last three weeks , each day I have selected the pages to complete so that you can work through the booklet. It will be similar to our English lessons, in that we used an author's work to base our learning around. Today- Pages 1-3
	Tuesday	Pages 4-5
	Wednesday	Page 6

independently or to an adult.	Thursday	Page 7
	Friday	Page 8
Topic/Science	Topic	We are starting our Americas topic with looking at the United States of America (THE USA)  Google the United states of America on a map and have a look at the states and their names. Think about: How many states are there? Which is the largest state (area)? Which is the smallest state (area)? Could you make a list of facts that you notice about the states ready for more in-depth research next week.
	Science	https://www.bbc.co.uk/bitesize/topics/zbssgk7 What is reflection? Make a poster based on this short clip. You could research it further, if you wish.
PE	Activity 1	Joe Wicks workout
	Activity 2	Cosmic Kids Yoga
	Activity 3	Real PE at home – online learning resources Real PE at home includes an online programme which supports families to be active, play and learn together. It includes a programme specifically for children in Early Years and Key Stage 1 with 12 themes, 6 areas, over 250 activities and challenges and 1000s of hours of fun and activity. This programme is also great for family play and fun.

Oak Class – Week beginning April 27th 2020
Year 6

		It also includes a programme for children in Key Stage 2, with daily and weekly guidance provided for both programmes (starting from this week) in addition to an option to choose your own themes and activities. There are so many benefits to being active, not only to our physical wellbeing but also to our emotional and mental health, especially in such testing times for all of us. We hope that the ideas help support you and your family to stay fit and healthy in the coming months. Here are the details to access real PE at home: The website address is: home.jasmineactive.com Parent email: parent@lyngcofepr-1.com Password: lyngcofepr
Art/Crafts	Activity 1	As spring is here, have a look in your garden or on a walk to find something interesting to draw, it may be a flower, leaf or stone. Look carefully at the detail as you draw it.
	Activity 2	 Whatever you chose to draw for activity 1, create an abstract picture of that object. Here is an example of an abstract flower picture. If you have chosen to draw a leaf, create an abstract leaf picture.