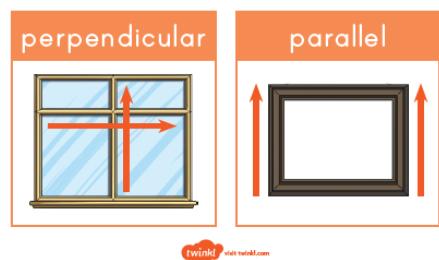


**Monday – LO: To recognise parallel and perpendicular lines.**

Watch the short lesson [here](#) and remember the key points...

- **Parallel lines** will NEVER meet
- **Perpendicular lines** meet at a right angle ( $90^\circ$ )



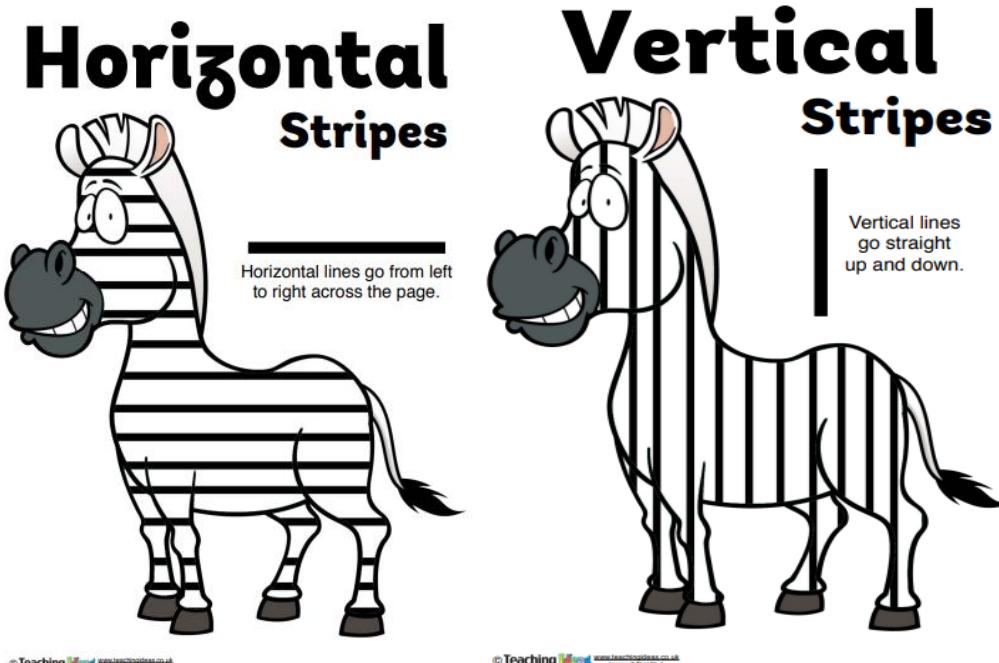
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Monday's maths challenge is a practical one – go around your house and/or garden and identify five pairs of parallel lines and five pairs of perpendicular lines. If you would like to challenge yourself to find more, go for it! You can record these in any way you choose – as a list, labelled diagrams, photographs, etc. I wonder how many different types of pairs we will find as a class?

Optional extra: QR Code challenge. Look carefully at each image and decide whether the lines are parallel or perpendicular. To check your answer, point your camera (phone/tablet) at the QR Code!

**Tuesday – LO: To recognise horizontal and vertical lines.**

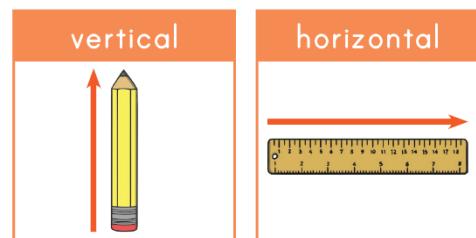
Have a look at these stripy zebras to teach you about horizontal and vertical lines...



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To remind you of the difference, think about the sun going down on the **horizon**...



Now have a go at the activity sheet.

Extra challenge: Use a ruler to draw a building using ONLY horizontal and vertical lines. Use one colour for the horizontal lines and a different colour for the vertical lines (please include a key on your drawing).

Wednesday Happy National Numeracy Day!



Today we are setting you a special National Numeracy Day challenge! We would like you to think about how you and your family normally use maths at home and in everyday life. You could talk to your parents about how they usually use maths at work, and the different ways in which it comes in useful in different areas of life.

As a class, we would like to come up with a long list of ways in which we use and apply maths in real life, both inside and outside. If you could also share some photographs of yourself using maths, recently or in the past, we would love to see these to create a class gallery and contribute towards a school 'Real Life Maths' book.

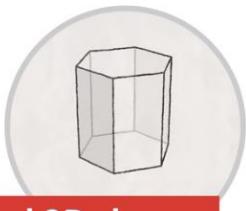
To give you a starting point, here are the areas of maths we study in school:

- Number – number and place value; addition and subtraction; multiplication and division; fractions.
- Measurement – length and height, perimeter and area, mass/weight, capacity and volume; time and duration; money.
- Geometry – properties of 2D and 3D shapes; lines; angles; turns.
- Statistics – data, charts and graphs.

We will also be uploading something special from Mrs Todd for you and your family to enjoy today.

**Thursday – LO: To describe the properties of 2D shapes.**

**OxfordOWL**



**How to  
describe 2D and 3D shapes**

Click on this image and watch the lesson (at the bottom of the page).

Complete the activity 'Pick and choose shapes' from our class book. If you get as far as Challenge 3, you can use plain paper to draw your shapes but please make sure you use a ruler!

**Friday – LO: To describe the properties of 3D shapes.**

Watch Thursday's lesson again. Today, pay close attention to the vocabulary that is used regarding 3D shapes – in particular: *face*, *edge* and *vertex*. Use this information to help you complete the first two challenges in the activity 'More about 3D shapes' from our class book.

Some of you may even like to attempt the table on Challenge 3!

I have attached a Testbase, as lots of you are enjoying completing these! If you would like to complete this as an extra activity please do, though there is no expectation for you to do so. Some of you may like to attempt a couple of questions before completing your daily activity to warm up your brain. Use this resource as you choose this week.

*I hope you enjoy completing the activities this week!*

*Please don't forget to upload your work to Seesaw or via email to show us how you have got on.*