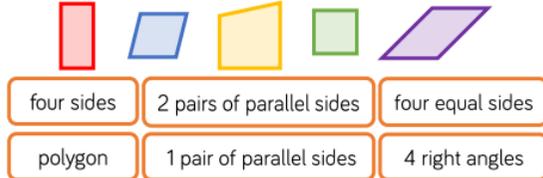


MATHS

This week, we will continue with our work on shape and geometry by comparing and classifying geometric shapes including quadrilaterals. A quadrilateral is a 2D shape with 4 sides:

Use the criteria to describe the shapes.

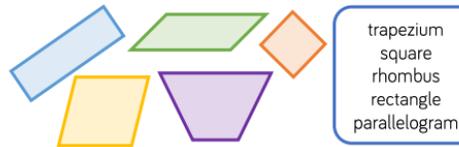


Which criteria can be used more than once?
Which shapes share the same criteria?

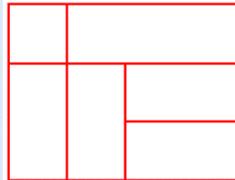
TASK 2:

You will need some 4cm straws and some 6cm straws. How many different quadrilaterals can you make? Calculate the perimeter of each one.

Label the quadrilaterals using the word bank.



TASK 1: How many rectangles can you find in this shape?



Try these sites which have useful activities, videos and games for you to access:

<https://www.worksheetworks.com/math.html> | <https://www.math-aids.com/> | <https://www.mathsisfun.com/quadrilaterals.html> | <https://nrich.maths.org/quadrilaterals> | <https://nrich.maths.org/search/?search=quadrilaterals&tab=1&fs=111110001000111>

SCIENCE

LO: To explore how diet effects teeth

How clean are our teeth? Why is it vital we keep our teeth clean? What is tooth decay? Look at and discuss toothbrushes, toothpastes and mouthwashes with an adult.

Create a list of things you drink and are in your diet: cola, milk, vinegar, fresh orange juice, energy drinks etc.

Investigation - Eggshell test!

I want you to find out which liquid does the least damage to eggshells. **The eggshell protects the egg a bit like the enamel on our tooth protects the living part inside.** Choose about 6 drinks e.g. non-diet cola, milk, water, orange juice, blackcurrant juice, and vinegar. Fill screw top jars with enough liquid to cover the hard-boiled egg. Discuss how you will make it a fair test (measure liquid, keep in same place, etc). Predict what you think the egg shells will look like in a week and write these down to check later on. Leave your eggs for a week and then record your results and compare these to your predictions...were you right?

Watch... Look at the clip of an enquiry at <http://www.bbc.co.uk/learningzone/clips/the-effects-of-differentdrinks-on-teeth/4294.html>



SPELLINGS

Practise these from Monday-Thursday and get someone to test you on them on Friday. Once you've gone through the correct spellings, write an expanded noun phrase on each word:

accelerate

eccentric

accent

accept

success

access

accident

And these from the statutory spelling list:

Famous

Decide

Breathe

ENGLISH

For English this week, I would like you to access the Home Learning pack on the Hamilton Trust website. The link is:

<https://www.hamiltontrust.org.uk/blog/learning-home-packs/>

It is the Year 4 English, Week 12 link. It will download a .zip file. Within it are internet links to 5 days of lessons, complete with resources and hyperlinks. There is also a PowerPoint on conjunctions and prepositions to use during the week. The lessons tell you when to use it.

The materials can be printed, but if that's not possible, then write the work on normal sheets of paper.

READING

Remember to continue to read books and quiz on Accelerated reader! Use the website www.arbookfind.co.uk to see information about a book including word count and level.

If you use **LEXIA**, make sure you are accessing this and completing your minutes for the week. Try Fiction Express for different books. At the end of reading a chapter, there's quizzes, questions and activities for you to complete.

DAILY LESSONS

Try this link to find 3 daily lessons on BBC Bitesize, maths, English and one other subject:

<https://www.bbc.co.uk/bitesize/dailylessons>

GEOGRAPHY

Use the pages following from this to read the map of the UK and its counties. Using the eight point compass, can you answer questions about where each county is located in correspondence with each other?

Counties of England

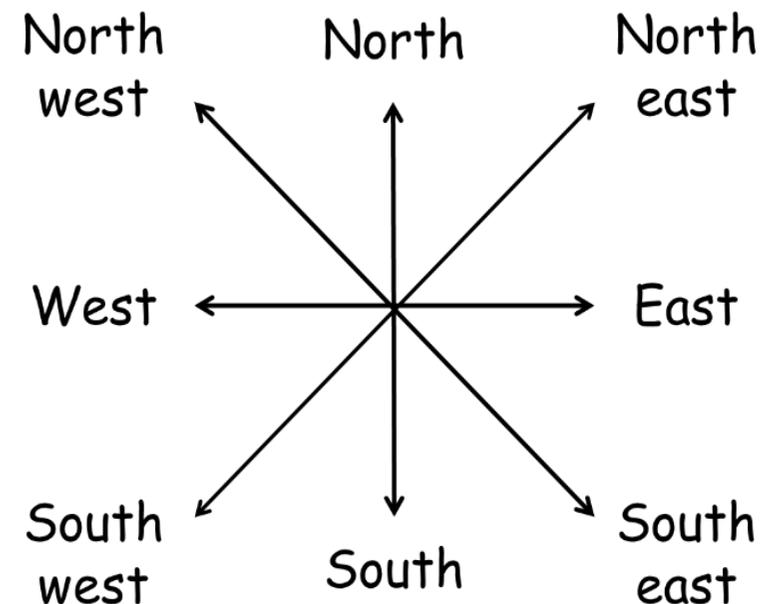


Abbreviated Counties:

1)

- Greater Manchester
- South Yorkshire
- Derbyshire
- Staffordshire
- Leicestershire
- Herefordshire
- Worcestershire
- Warwickshire
- Nottinghamshire
- Cambridgeshire
- Bedfordshire
- Gloucestershire
- Buckinghamshire
- Oxfordshire
- Hertfordshire
- Northamptonshire

8 Compass Points



Now, can you answer these questions in order to help you understand points on a compass?

- 1) Norfolk is north of _____
- 2) Herefordshire is west of _____ .
- 3) Buckinghamshire is east of _____
- 4) Hampshire is south of _____
- 5) Merseyside is bordered by _____, _____ and _____.
- 6) Essex is _____ of Hertfordshire.
- 7) Berkshire is _____ of Greater London.
- 8) East Riding of Yorkshire is _____ of Lincolnshire
- 9) Wiltshire is _____ of Gloucestershire.
- 10) The most south-western county is _____ .
- 11) The most south-eastern county is _____ .
- 12) _____ is bordered by East Sussex, Surrey and Hampshire.
- 13) West Yorkshire is south-west of _____.
- 14) Surrey is north-east of _____.
- 15) Somerset is north-west of _____.
- 16) The counties that border Scotland are _____ and _____ .
- 17) The counties that border Wales are _____, _____, _____ and _____.