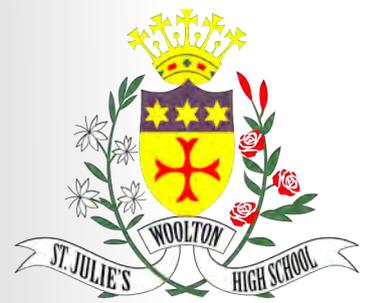


# NUMERACY NEWS



Your news update from the Maths Department at St. Julie's Catholic High School



## Useful websites

### Corbett Maths

This is a particularly useful site for GCSE revision. It contains '5 a day' Maths questions designed to be completed everyday up until the exam.

[www.corbettmaths.com](http://www.corbettmaths.com)

### Access Maths

Another useful site for GCSE revision. Pupils are able to access a range of functional Maths and Problem Solving questions.

[www.accessmaths.co.uk](http://www.accessmaths.co.uk)

**Can you or your daughter recommend any Maths sites? Let us know and we can share this via our next newsletter.**

## Liverpool Counts'

Next academic year St. Julie's will be reassessed as part of Liverpool Counts' Quality Mark.

## Year 8 Numeracy Challenge

Our Year 8 Challenge ran from Monday 28th March to Friday 31st March. The challenge involved Year 8 pupils identifying when and where they, their families and their teachers use Numeracy. Booklets were completed by every Year 8 pupil!

## Problem Solving

Our Problem Solving Competition runs every two weeks and is open to all year groups. Prizes are awarded to one pupil from each group. Pick up a copy of this week's problem from Mrs Gee M21.

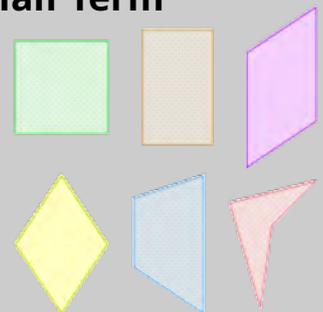
## Numeracy for Life

The National Numeracy Challenge is an interactive site that helps adults learn maths needed for everyday life. Please try the challenge at the following address  
[www.nnchallenge.org.uk](http://www.nnchallenge.org.uk)

## Numeracy Ambassadors

We are pleased to announce we have chosen 17 pupils to act as Numeracy Ambassadors across Years 7 to 13. Our Numeracy Ambassadors are involved in running after school workshops and running problem solving competitions during parents evening.

## Maths Word of the Half Term



Our Maths word of the half term is **quadrilateral**. A **quadrilateral** is a four sided shape.

## National Events

This term KS3 classes will our 'Grand National' Day! With pupils in Year 7 and 8 working in pairs to obtain sample space diagrams based on the roll of a dice in our

[www.stjulies.org.uk](http://www.stjulies.org.uk)

Horse Racing game.  
Year 9 will try to predict the winner of this year's Grand National by applying William Hartston's mathematical formula.

## Year 7 Problem Solving

Our Year 7 Problem Solving Workshop is still running after school on Tuesdays from 3.15pm to 4pm. The club is open to Year 7 pupils interested in having some fun solving problems! The club is now being run by some of our Year 9 Numeracy Ambassadors who are doing an excellent job and giving pupils to work together on some challenging Maths puzzles. Problem Solving is an important part of the Maths curriculum it allows pupils to develop both



resilience and their reasoning skills. So far this club has been hugely popular with the number of pupils

attending growing week on week!

## Holgate Sessions

Next term a group of Year 10 pupils will be visited by Professor Peter Giblin who will deliver a Holgate session designed to enrich and enhance mathematical education, looking both within and beyond the curriculum. Professor Giblin is a lecturer at Liverpool University and his research interest are Singularity theory and its applications to geometry and computer vision; computer graphics.



## Engineering Scheme

This term, Year 12 have been involved in an Engineering Project linked to building our new school. Pupils were required to identify solutions to an engineering problem presented to them. A level Maths student Sam has stated that it has really helped her Problem Solving and presentation skills.

## Easter Riddle

Can you complete this riddle?

It was Easter in Easter village and all the Easter bunnies are joyful. The annual Easter egg hunt was just finished. The Easter egg hunt is where four Easter bunnies search for any of the four colored eggs and then cross the finish line. Can you figure out which Easter bunny found which egg and what place they finished?

Easter bunnies- Mr Hops, Jumper, Long Ears, and Mrs. Littlenose

Easter Eggs- blue, red, green, and yellow

Clues:

1. Long Ears did not finish in 2nd place.
2. Jumper did not finish in 1st
3. Long Ears found the red Easter egg.
4. The bunny that finished in 2nd did not find the green egg.
5. Mr. Hops did not find the blue egg.
6. Littlenose did not finish in 2nd.
7. The bunny that found the blue egg did not finish in 1st or 2nd.
8. Hops finished in 4th.

