



Reading regularly is not just important for your child to do well in English, but vital for them to succeed throughout their schooling and is a key life skill.

Did you know that you can access free books online with the Northumberland Library Service – a lot of our students have already signed up for this.



Spotlight on Religious Studies

We recommend the following texts for KS3 students studying Religious Studies:

Year 7

Heaven is for real – Todd Burpo

Year 8

Hitchhiker's guide to the galaxy -

Douglas Adams

Year 9

The dangerous art of blending in -

Angelo Surmelis

Some ways to help:

Before reading you can:

- •Talk about strategies they can use if they come across an unfamiliar word.
- •Focus on what they do well, encouraging them to build on their strengths as readers.

During reading you can:

- •Encourage the reader to try a range of strategies when reading unfamiliar words. For example:
- Sound out words;
- •Use the rest of the sentence to help with a difficult word;
- Use other clues on the page to help read accurately;
- •Re-read the preceding words when stuck;
- •Break down longer words to read them.
- •Use the Internet to find information on a range of topics or read newspapers together look for specific information, e.g. weather, television programming, sport, etc.
- •Read yourself: show them that reading has a purpose and is enjoyable.

Students have now been issued with logins. They can now access books online without worrying about signing up to a library service – it will all be done for them!

Please see the link on our academy website for details.







In each newsletter we will either bring you an example of a Numeracy equation which your child may be asked to solve in class and explain how to arrive at the correct answer OR we will introduce a Mathematical idea to you.

This week we would like to introduce you to key methods:

Key words and definitions

Index number - number that is multiplied by itself one or more times is raised to a power. The power is the index number. The plural is indices.

Power - A number that is multiplied by itself one or more times is raised to a power

Standard Form – Writing large and small numbers as a number between 1 and 10 multiplied by a power of 10

Square Root – square root of a number is a value that, when multiplied by itself, gives the number

BIDMAS

Mathematical operations must be carried out in the correct order. BIDMAS is a way of remembering this order.

B - Brackets

I - Indices/Powers

D - Division

M- Multiplication

A - Addition

S- Subtraction

e.g 22 × 5 - 6 ÷ 3.

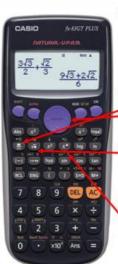
1. There are no brackets (B), so calculate the indices first (I), giving $4 \times 5 - 6 \div 3$

2.Do any divisions or multiplications (DM), working left to right:

 $4 \times 5 = 20$ and $6 \div 3 = 2$

3. And, finally, do any additions or subtractions (AS): 20 - 2 gives 18

Calculator Methods



Calculate

 $\frac{\sqrt{678} - 1.42^2}{3^4 \times 1.57}$

- Press fraction button
 (use arrow keys to
 move around the
 fraction)
 Press square root
- button and fill in 678, use arrow key to go out of the square root 3. Subtract 1.42² Move down the fraction and press the indices button and use the arrow keys to fill in the numbers and multiply by 1.57

