

Dear Parents,

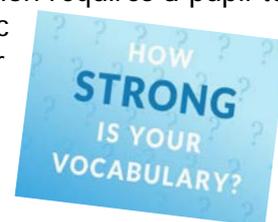
As you are aware, GCSE exams have been amended to incorporate a greater degree of challenge. There is far more content to cover, more information to memorise and the questions require candidates to apply their knowledge. In addition, we have noticed that the language is becoming even more complex. Pupils have to 'de-code' the question before attempting an answer. Could you begin to answer these questions from this Summer's GCSE exams!?



|                   |  |
|-------------------|--|
| MATHS             | <p>The petrol consumption of a car, in litres per 100 kilometres, is given by the formula:</p> $\text{Petrol consumption} = \frac{100 \times \text{Number of litres of petrol used}}{\text{Number of kilometres travelled}}$ <p>Nathan's car travelled 148 kilometres, correct to 3 significant figures.<br/>The car used 11.8 litres of petrol, correct to 3 significant figures.<br/>Nathan says,<br/>"My car used less than 8 litres of petrol per 100 kilometres."<br/>Could Nathan be wrong?<br/>You must show how you get your answer.</p> |
| ENGLISH           | <p>A reader said, 'This part of the story, where Alice decides to continue digging for the object, is very mysterious, and suggests her discovery may be life-changing.'<br/>To what extent do you agree?<br/>In your response, you could:</p> <ul style="list-style-type: none"> <li>• consider the reasons why Alice decides to continue digging.</li> <li>• evaluate how the writer creates a sense of mystery.</li> <li>• support your response with references to the text.</li> </ul>  |
| SCIENCE           | <p>Figure 13 shows two objects, Q and R, before and after they collide.</p> <div style="text-align: center;"> <p>Figure 13</p> </div> <p>The arrows show the direction of movement of the objects.<br/>The arrows are not to scale.<br/>Explain how the momentum is conserved in the collision.<br/>Use Newton's third law and Newton's second law in your answer.<br/>Newton's second law can be written as:</p> $\text{force} = \frac{\text{change in momentum}}{\text{time}}$   |
| GEOGRAPHY         | <p>Choose either an earthquake or volcanic eruption.<br/>Assess the extent to which primary effects are more significant than secondary effects.<br/>Use Figure 5a or 5b and an example you have studied.</p>  |
| HISTORY           | <p>How convincing is Interpretation A about William the Conqueror and the Battle of Hastings?<br/>Explain your answer using Interpretation A and your contextual knowledge.</p>  |
| RELIGIOUS STUDIES | <p>'The Eucharist is the only sacrament Christians need'. Evaluate this statement.</p>   |

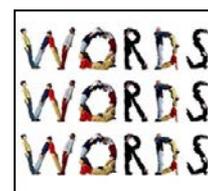
|                   |  |
|-------------------|--|
| DESIGN TECHNOLOGY | <p>Explain what factors create a social footprint and evaluate how it can be as important as its ecological footprint.</p> <p>Explain how your chosen design company has influenced the area(s) of design that they are known for. Where possible, reference their products, their style and their business philosophy, and other factors to substantiate your opinions.</p>   |
| DRAMA             | <p>As a director, discuss how you would use one of the production elements below to bring this extract to life for your audience.</p> <p>You should refer to the context in which the text was created and first performed. Choose one of the following: * staging * costume * sound.</p>  |
| MUSIC             | <p>How did the Blues influence and contribute to modern contemporary music? Research and evaluate giving examples.</p>   |
| BUSINESS STUDIES  | <p>Case Study: Boohoo was started in 2006 by two entrepreneurs who had the idea of starting a business where customers could buy the latest fashions online. Boohoo has expanded using organic growth, and has become a global online retailer of its own brand clothes, shoes and accessories. It now sells in over 100 countries. Boohoo charge for delivery.</p> <p>It has millions of website users per month. The target market for the Boohoo brand is men and women who are 16 to 24 years old and are fashion conscious. To reach this market, Boohoo uses social media. The business is active on Facebook, Twitter, YouTube and Instagram. Boohoo has also introduced apps for smartphones and tablets that allow customers to browse and buy products very easily.</p>  <p>Evaluate whether or not Boohoo should continue to use social media when promoting its products.</p> |

Easy!?! As you can see, the importance of being able to interpret exactly what the question requires a pupil to write is not immediately apparent. The increased demands of an even more academic curriculum and examination system necessitates every youngster to have an even wider vocabulary. Pupils who are 'word rich', not only have a better chance of exam success, they will be able to access higher education, apprenticeships and better jobs. As parents, you can help by actively encouraging your son/daughter to read as often and as widely as possible. Word learning and reading development is a complex issue and schools are trying to become even better. We are seeking to implement evidence-based research from a number of sources and are guided by aspirational authors such as David Crystal.



**Education is the process of preparing us for the big world, and the big world has big words. The more big words I know, the better I will survive in it ...**  
**... there are thousands of big words in English, I cannot learn them all ...**  
**this does not mean I should not try to learn some.**

*Words, words, words David Crystal, p24*



"How is s/he doing?" is a popular refrain when parents contact school. May I remind you that one way you can all monitor your child's progress is to log on to **ClassCharts**. This 'real time' tracking software highlights all 'green and red' activity and provides a basis for conversation during the evening. If you have lost your log in details, please contact **Mr Brady** [bradyj@broughtonhigh.co.uk](mailto:bradyj@broughtonhigh.co.uk) who is **always happy to help**.



Once again, we are experiencing an increasing number of problems with parents who drop off and collect their sons and daughters in and around the school drive and entrance. I seek your co-operation and support with **responsible parking**. **Please do not use any part of the school entrance to park your vehicle**, albeit for a few minutes, as it makes it extremely difficult for school buses to access the site. If a small minority of parents persist to park inappropriately, I shall have **no hesitation in contacting the Police** and LCC parking enforcement officers. Please **do not come into the school grounds to drop off your son/daughter at the beginning of school**. With so many buses and pupils, it is unsafe. Thank you in advance of your support with this matter. As always, if you are happy or unhappy with any aspect of life here at Broughton, please do not hesitate to get in touch. My email address is [morrisc@broughtonhigh.co.uk](mailto:morrisc@broughtonhigh.co.uk).



**Chris Morris, Headteacher**

## Netball Achievement

Ex-pupil, **Victoria Greer**, achieved many accolades in sport, especially netball, throughout her time at Broughton and I was delighted to receive an email from Mrs Greer recently letting me know that Victoria continues to go from strength to strength.

Since leaving Broughton in June 2018, Victoria has gained a place in the Cardinal Newman Netball Academy team 1 and has already represented the college. She has also **tried** for the **Leeds Rhinos Netball Academy** and has successfully gained a place in the **Under 19's High Performance Academy for Leeds Rhinos Netball**.



This is a huge achievement for someone who is only 16 years of age to be training and playing with girls who are a couple of years older. The standard of the girls trialling was very high and the competition for the limited number of Academy places was huge (over 120 girls trialled for 25 Academy places).

Mrs Greer said, "I would also like to take this opportunity to say thank you to all the teachers and staff at Broughton High School for the support (both educational as well as on a personal level) that Victoria and Luke received during their time at school. Both of them have many fond memories of their time at Broughton".

Mr Morris

## Northern Athletics Relays

On Saturday, 22<sup>nd</sup> September, **George Denye** (8H) competed in the Northern Athletics Relays at Sportcity, Manchester for **Preston Harriers**.

There were three boys in the team and George ran leg A. He ran the distance of **3.5k in 12:20**, coming second.

George ran **one of the fastest ten legs of the day** (from over 130 of the best juniors in the North of England) **helping Preston qualify for the National Relay finals** at Sutton Coldfield on 6<sup>th</sup> October.

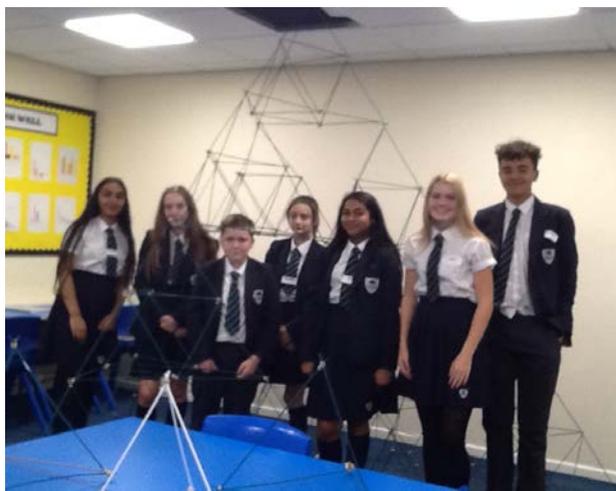


Very well done, George!

## Open Evening 2018

In the Maths Department, on Thursday 20<sup>th</sup> September, Mr Peterson and several Year 9 pupils helped visitors to construct an enormous tetrahedron (*also known as a triangular-based pyramid*).

Individual tetrahedrons were made from small canes and fixed together to make one large one which broke through a ceiling tile!



Pictured are  
**Navneet Johal, Rebecca Kellett,  
Freddie Huxham, Charlotte Wilson-Cox,  
Zara Shamsuddin, Molly Parkinson,  
Tyrell Smith.**

Mrs McGuire

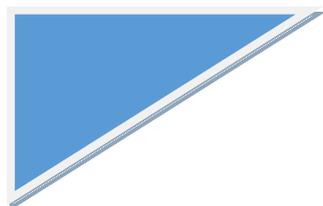


## European Day of Languages - Charity Cake Sale

As part of celebrating European languages this week, the MFL department and pupils in Year 8 organised a cake sale on Thursday, 27<sup>th</sup> September. We raised **£89.47** for the **McMillan Cancer research charity**. Some pupils in Year 7 and Year 8 also learned some simple Swedish, taught by Mr Tomlin. A big thank you to all pupils and parents who donated cakes and who helped to sell them.



**Mrs Burke and Mrs Higham**



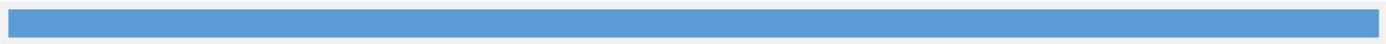
I would like to acknowledge **Ben Samuels' kindness and respectful behaviour** in Year 11.

I was most impressed this week when **Ben Samuels (11N)** helped a fellow class member without being prompted.

The class were on task when a pupil who had been out of class returned, unaware of what was expected. I briefly explained the activity to the pupil, then continued working with a group. Ben, however, noticed that she was still unsure. I then witnessed Ben helping the pupil to find the correct page in her book and spell out the title for her, up until the support staff returned to take over. I have witnessed him do this a few times, and feel it should be acknowledged.

Well done, Ben.

**Miss Maloney**



## Lancashire FA Under 16 Team

On Wednesday, 26<sup>th</sup> September, **Ben Smith** (11H) played for the Lancashire FA Under 16 team against West Yorkshire in Skelmersdale. After selection from over 150 u16s, Ben was selected for the squad of eighteen as right back. He played in all three pre-season friendlies against PNE, Blackpool FC and Fulwood amateurs.

The first competitive game was against West Yorkshire. Ben created an assist with a great cross from the right and **helped the team claim victory**, beating West Yorkshire with a final score of **4-1**.

Very well done, Ben. We look forward to hearing about your future footballing success.



## Fylde Girls' Hockey

On Saturday, six Broughton pupils played their first ever game for Fylde Hockey club. The girls played for Fylde 5<sup>th</sup> team at home at Mill Farm against Southport's 2<sup>nd</sup> team.

Despite Fylde going 1-0 ahead and creating numerous chances, Southport were a much more experienced team and finished 4-2 winners. For five of the pupils it was their first ever 11-a-side hockey match and in an adult league. All the girls demonstrated superb skills, and **Holly Swarbrick** scored a goal on her debut! Well done to all involved.

Photo left to right:

**Holly Swarbrick, Emma Mews, Abigail Harrison, Emma Walsh, Izzy Finley, Victoria Latham.**



Mrs Hough

## BAE, RAF and Royal Navy Roadshow

BAE Systems, the Royal Air Force and Royal Navy once again delivered a highly entertaining and thought provoking roadshow to all Year 7 and 8 pupils. This year's Schools' Roadshow focused on Maths, with a series of workshops and demonstrations to showcase various applications of the subject, from robotics and coding through to the use of Maths in magic.



Pupils were keen to get involved taking part in demonstrations and asking lots of questions about the new technology and opportunities in the world of work centering on Maths and its importance.

**Mr Brandwood**

School closes for half term on  
**Friday 19<sup>th</sup> October 2018**

School reopens on  
**Monday 29<sup>th</sup> October 2018**

Year 7 Parents' Evening with Progress Tutors  
**Thursday 18<sup>th</sup> October 2018**

PTFA Meeting  
**Tuesday 30<sup>th</sup> October 2018**

## Learn it CHALLENGE

## English Words with Greek Roots

1. **Etymology** is the study of the history of words and their origins.
2. **Approximately (circa) 60%** of the English language is drawn from a combination of **Latin** and **Greek** origins.
3. **Hypnos** was the Greek god of sleep. The word **Hypnosis** (a sleep-like state of consciousness) is derived from this.
4. **Nectar** was the **drink** of the Greek gods. The words **nectar** and **nectarine** (sweet plant secretion, fruit) derive from this.
5. **Chronos** was the Greek **god of time**. The word **chronology** comes from this, which is when events are placed in order of time.
6. The **Greek** root word **Dem** means pertaining to people.
7. The **Greek** root word **Mono** means pertaining to one.
8. The **Greek** root word **Phon** means referring to sound or speaking.
9. The **Greek** root word **Ethos** means race or nation.
10. The **Greek** root word **Hydro** pertains to water.

## Create your own quiz...

How to develop deeper thinking and independence within your child.



Did you know that the skill of creating ranks highest on Bloom's taxonomy of learning skills?

Try asking your child to design their own quiz for a topic they have covered in school...

Including the answers as well is even better!



## Word of the Week

Didier Drogba has to be one of football's greatest **philanthropists**.  
A **philanthropist** is someone who freely gives money and help to people who need it.

## Philanthropist

(noun) a rich person who generously gives money to people who need it.

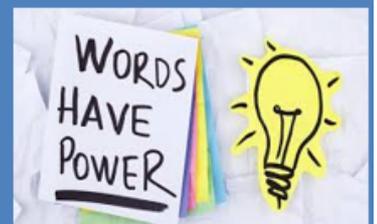
Bill and Melinda Gates are among the world's leading **philanthropists**.

Word of the Week



She is a **philanthropist** who has supported many charities for over twenty years.

Bill and Melinda Gates are among the world's leading **philanthropists**.



**Year 11 Geographers  
Complete their GCSE Fieldwork  
Tuesday 25<sup>th</sup> and Thursday 27<sup>th</sup> September 2018**

After our first visit during Storm Ali, and then the heavy rain which followed the week after, to say I was anxious about river levels for our trips last week, would be an understatement! However, when we arrived I could see that a lack of water was going to be an issue rather than too much. It was unbelievable how much the river had dropped in such a short space of time, despite the heavy rain.



All pupils behaved impeccably and were keen to get into the river and on with measuring.



Many thanks to the following staff for accompanying the two visits - Mr Lord, Mr Stockley, Miss Cross, Mr Hodgson and Miss Benson.

**Mrs Wortley**