



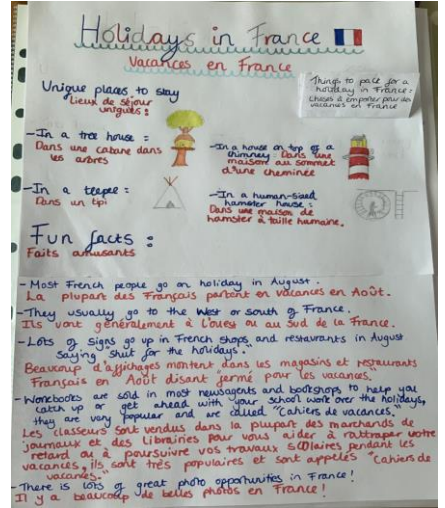
# Student and Parent Newsletter

Hello everyone,

Welcome to the second student and parent newsletter. We hope that you and your family are well. We have had so much fantastic work submitted to us over the last few weeks, that it has been incredibly hard to choose what to celebrate in this newsletter. Thank to the huge efforts from our teachers, students and parents that have meant an incredible amount of learning is continuing.

## Year 9 French

Over the Easter break year 9 were set some extension work to create a poster about a holiday in France. Great work year 9, award points are coming your way. The French department are using lots of online learning platforms such as; Liguascope - fun games for learning and recognising vocabulary, Activelearn - for listening and reading tasks and Quizlet for vocabulary.



Poster by Jess M



**NEWSIES: THE BROADWAY MUSICAL**  
Broadway's Biggest and Best Disney Musical Hits The Big Screen

- Date of release: 16<sup>th</sup> February 2017
  - Director: Brett Sullivan
  - Length: 2hrs 29min
  - Cast: Jack Kelly; Jeremy Jordan; Katherine Plumber; Kara Lindsay; Scutchie; Andrew Keegan-Bolger; Davey; Ben Fankhauser
- Filled with spectacular songs by Alan Menken and Jack Feldman; high-energy dance numbers; an appealing cast and an uplifting story makes this brand-new version one of Disney Theatrical's most entertaining new musicals in years.
- Newsies: The Musical has been taking the world by storm for almost 10 years. It all started back in 2010, when a small workshop of

Review by Jack M

## Free kindle reads!

Now is a great time to dust down your kindle or download the kindle app to you smart device because Amazon are offering a plethora of free books from fiction and educational workbooks to magazines. It really is worth a look.

[https://www.amazon.co.uk/b?node=21173577031&pf\\_rd\\_r=NB8C4WEMQCDVHM8P01JG&pf\\_rd\\_p=a5618163-2ef6-466e-b112-a4e9a5f8ffa3](https://www.amazon.co.uk/b?node=21173577031&pf_rd_r=NB8C4WEMQCDVHM8P01JG&pf_rd_p=a5618163-2ef6-466e-b112-a4e9a5f8ffa3)

## English

Our amazing English department always set great lessons for the students with lots of opportunities for them to practice important skills. Before half term Y9 were writing reviews as part of their Non-Fiction writing scheme. An outstanding piece of work was submitted by Jack M on 'Newsies - the Broadway Musical'. The English department would also like to give recognition to Charlie R in Y10 his descriptive writing task for English Language Paper 1. Well done!





## Creative Arts and DT

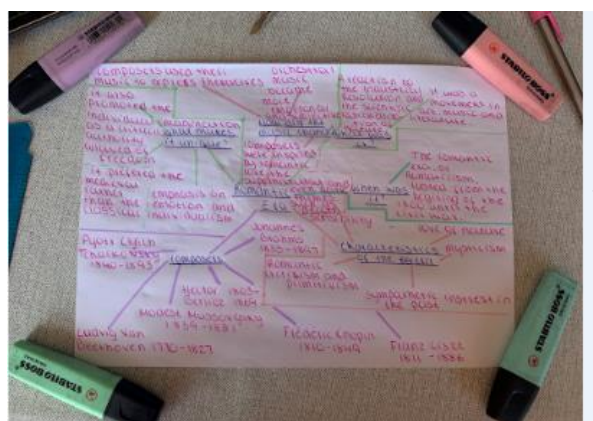
### Music

Our Year 10 GCSE music class have exploring the Romantic Era in music, ahead of learning about the Pathetique Sonata by Beethoven. Esther H submitted some fantastic research.

Year 7s have been exploring how we can create instruments out of nothing after completing some work on 'Stomp'. The students were asked to create an instrument and then to compose a piece of music using it. Zac C's creations were incredibly impressive and we loved Lucas H's home made guitar!

Instruments created by Zac C Y7.

	<b>Carrot flute</b> The carrot flute has two notes that it can play you get these notes through covering different holes.
	<b>Bin lid drum with parrot perch drum stick</b> The bin lid has three sounds to use: . hitting the middle . hitting the edge . running the stick down the ridged part Also using a different material for the stick will change the sound.
	<b>Figurine tambourine</b> The tambourine is shaken to make a noise you can change this by shaking it harder or softer and changing the contents.
	<b>Straw pan flute</b> The pan flute makes noise from blowing down the straws. You can change the sound by blowing down different lengths of straw.



Research by Esther H Y10

# Creative Arts and DT

## Drama

In Drama Year 8 have been script writing about 'the future'! Well done to Jorgia N on Y8 who went well above and beyond with her efforts producing a 16 page script!

## Art

Mr Colluney asked students to create a piece of art using a graffiti style. Here is an excellent example by Max R in Y8.



## DT

Our DT students have been asked to think about what makes a good design. Great examples from lots of different year groups have been submitted and a special mention to Max R, Jake J, Parys L, Declan S, Lucy P and Zara M.

The Future

Scene 1.

Bedroom of Harper Edgely. Harper is in her school uniform and is sat at her dressing table brushing her hair with her school bag by the door.

Harper: (Slightly whistling and humming as she puts her blazer on after brushing her hair. She then grabs her bag and goes over to where her phone is laid on her bedside table.) Don't forget you! (She picks up the phone and the screen comes on, she has a message.) Oooooo! I have a message! (She goes onto the message and sees it's a link, she smiles excitedly and presses on it. A hologram appears in front of her, a lady with a white blouse and knee length tight navy skirt with black heels and her hair swept back in a ponytail.) Woah!

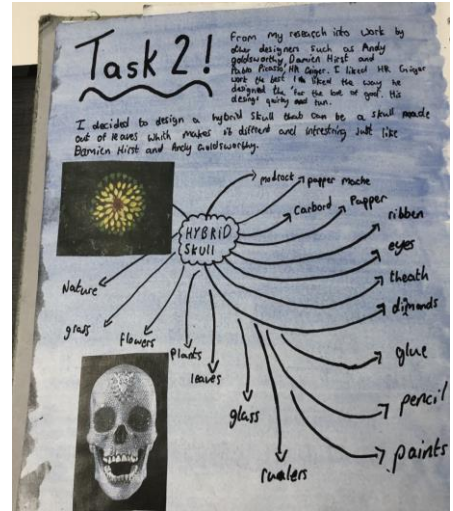
Hologram: Harper Edgely you have been selected to journey into the future and live there for today a day. I just need your approval.

Harper: (looking shocked) Oh. I'd love to but I have school and my mum is waiting downstairs.

Hologram: Oh don't worry we will send a reflection of you to school no one will know and when you come back we will transfer all it's memories of the day to you.



Work by Jorgia N, Zara M and Declan S



# Science

Y7 have been having a great time engaging with their learning on elements and the periodic table this week. They have been researching properties of elements and looking at the information the periodic table gives us, as well as practicing literacy skills and creating words out the periodic table symbols.

**Radon RN**

Radon is the heaviest gas known to man. It has a boiling point of  $-71.15^{\circ}\text{C}$  and a melting point of  $-61.7^{\circ}\text{C}$ . It is a colorless, odorless, and tasteless gas. It is highly radioactive and is a health hazard. It is found in the atmosphere and in some rocks.

**NE NEON**

Neon is a chemical element and a noble gas.

**Physical properties**  
Neon is a noble gas which is colourless and odorless.  
At room temperature neon is a gas.  
It has a melting point of  $-248.6$  and a boiling point of  $-246$  degrees c.

**Chemical properties**  
Neon is not very reactive as it is in group 0.

**Other information**  
It is used in electric lighting and can be found in very small traces in both the Earth's atmosphere and the Earth's crust.

**F FLUORINE**

Fluorine is a chemical element with the symbol F and atomic number 9. It is the lightest halogen and exists as a highly toxic, pale yellow diatomic gas at standard conditions. It is extremely reactive as it reacts with all other elements, except for argon, neon, and helium.

Fluorine is important in creating nuclear material for nuclear power plants and insulating electrical towers. It also is used to etch glass in the form of hydrofluoric acid. Fluorine is used to make plastics, such as Teflon, and is also important in dental health.

The main mining areas for Fluorine are China, Mexico and West-ern Europe. Fluorine occurs naturally in the earth's crust where it can be found in rocks, coal and clay. Fluorine are released into the air in wind-blown soil.

**Fluorine metal**  
Melting point -  $219.6$  degrees C  
Boiling point -  $188.1$  degrees C

Y8 have been studying magnetism and magnetic fields; they have produced some fantastic work-

placed in a magnetic field as a permanent magnet. When it is placed in a magnetic field as a permanent magnet, the induced magnetism is quickly lost when the magnet is removed from the magnetic field.

**Drawing magnetic fields**

A permanent magnet produces its own magnetic field. An induced magnet becomes a magnet when placed in a magnetic field.

- Field lines enter from the North.
- The spacing between the lines represents the strength of the field. The closer the lines, the stronger the field.
- The arrows on the lines show the direction of the field. This is the direction that a compass would point if placed in the field.
- The field lines cannot cross each other.
- For magnets the field lines start on a north pole and finish on a south pole.

**Magnetic Fields - Lesson 2**

**Go Down!**

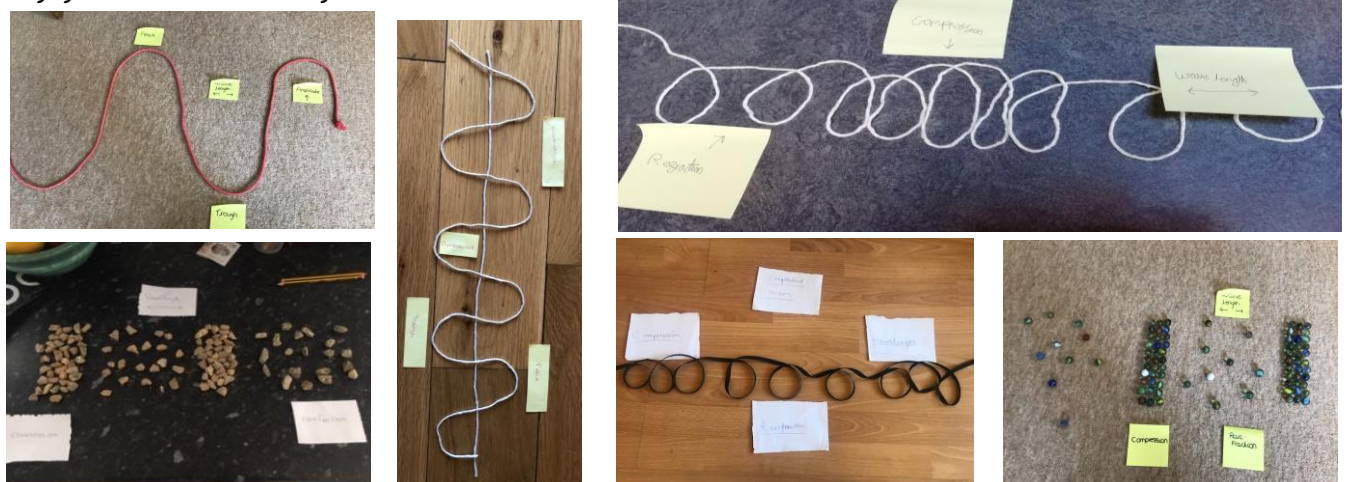
**What is natural selection?**  
The process where organisms better adapted to their environment tend to survive and produce more offspring, passing on characteristics.

**What is the word equation for respiration?**  
Glucose + Oxygen → Carbon dioxide + energy

**What cell structures (organelles) do plant cells have that animal cells don't?**  
Vacuole, cell wall, chloroplasts

**How can you test if something is a magnet?**  
If it repels another magnet.

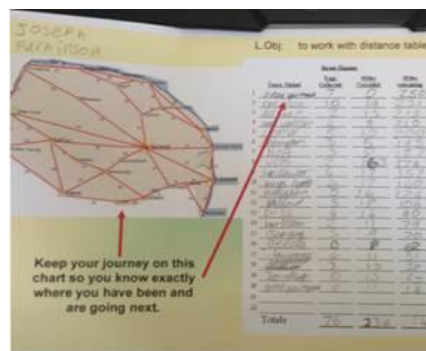
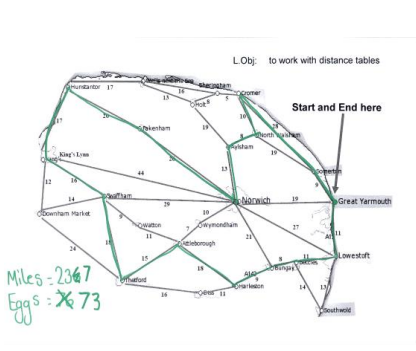
Y10 have received lots of award points! We are impressed with their 'hands on physics'. Students were asked to produced a labelled model of a Transverse and a Longitudinal Wave, the level of engagement was amazing. Well done!



## Y7 Maths

More maths teachers have been creating lessons over Easter using Loom. Mrs Whitehead's year 7 class have been watching her presentations and listening to her explanations. A great way to start the term!

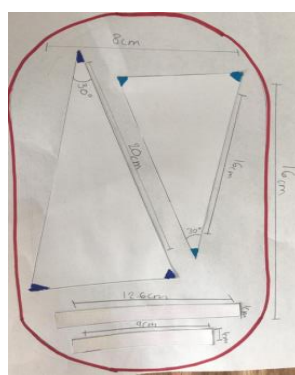
Before Easter year 7 were asked use their maths skills to navigate a map to collect Easter eggs. Pupils also had to solve a logic problem regarding a sporting event and work out which competitor played which sport and from which country they came from. The second part of the challenge was to design and draw to scale a sports field. Some fantastic work submitted.



Chis A, Joseph P and Bonnie B.

Logic Problem

Name	Home	Country	Sport
Adrienne	Australia	American	Tennis
Alison	USA	American	Soccer
Ann	USA	American	Swimming
Barbara	USA	American	Gymnastics
Cheryl	USA	American	Swimming
Dawn	USA	American	Tennis
Debbie	USA	American	Tennis
Doreen	USA	American	Tennis
Evelyn	USA	American	Tennis
Fay	USA	American	Tennis
Janet	USA	American	Tennis
Jane	USA	American	Tennis
Judy	USA	American	Tennis
Lynne	USA	American	Tennis
Marjorie	USA	American	Tennis
Sharon	USA	American	Tennis
Susan	USA	American	Tennis
Suzanne	USA	American	Tennis
Terri	USA	American	Tennis
Wendy	USA	American	Tennis
Zoey	USA	American	Tennis



## Maths student of the week is Maria V in Year 10.

"Maria has consistently achieved over 90% in every MathsWatch task set since school closed despite some of the work being several grades above the target grade!" Miss Smith Well done Maria - we are very proud of you. Award points coming your way.

## Business GCSE

### Did you know...

The business department at GCA has its own website, that we use to deliver all the content for our course. So in fact, you don't need us at all - you could learn the whole course from the toolbox website. For each topic, there are the challenge outcomes included and then a video with a commentary from Miss Ashworth that explains the topic for you. We have links to Quizlet to help you learn the key terms for each topic. There are also lots of practice case studies with exam questions and links to videos and other activities to revise if you need to. There are also pages dedicated to revision and exam practice, and some fun stuff too! You can access the website from anywhere, anytime and the password for each page is just *garstang*

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

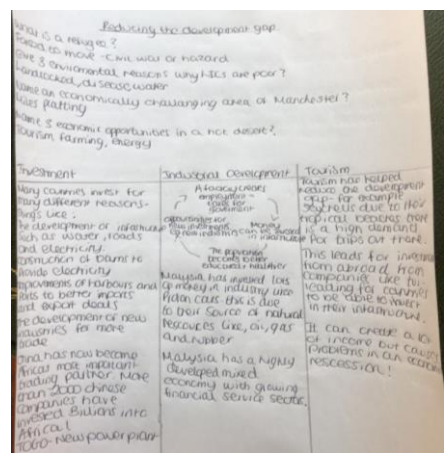


## R·E

Year 7 are continuing the theme of Christian love and have been writing a poem reflecting the idea of love and helping others. Please read the fantastic poem opposite that was created by a very talented year 7 student, Lucas H. Year 8 have been completing a project on Judaism. Miss Hockey would like to give Michael B in year 8 a special mention for the excellent effort he put into this and Callum S for his positive contributions. Well done Y8!

## LOVE IS....

- LOVE IS PURE LIKE AN INNOCENT CHILD
- LOVE IS NOT ANGRY, IT IS CALM AND MILD
- LOVE IS GIVING, LOVE IS KIND
- LOVE IS WHAT YOU WANT TO FIND
- LOVE DOESN'T BRAG, LOVE DOESN'T BOAST
- LOVE IS AS ADDICTIVE AS BUTTERY TOAST
- LOVE IS RIGHT, LOVE IS TRUE
- LOVE BELIEVES IN ME AND YOU



## Geography

Year 10 geography students have been learning ways in which low income countries can try to bridge the development gap with high income countries. Well done Will G for this great work.

## History

Y10 have been revising Norman Rule of England. Martha C. and Sophie L. have truly shone in terms of the work they have produced and their fantastic attitude to learning. Year 8 have been studying World War I - please see some excellent work from Jack R. and well done to Michael B. too. Year 7 have been completing work on Tudor propaganda and portraits - lovely work submitted by Rubi A.

Task: General Haig was the commander of British forces at the Battle of the Somme. What can you infer from the source below about his attitude? Can you give a quote to prove it?

"The country must learn that our men will die. No amount of skill, no training, no better weapons, will allow us to win without the sacrifice of men's lives. The people at home must be prepared to accept heavy casualties (losses) in the future if it is necessary to gain an important advantage in battle."

A letter written by Sir Douglas Haig in June 1916, before the Battle of the Somme.

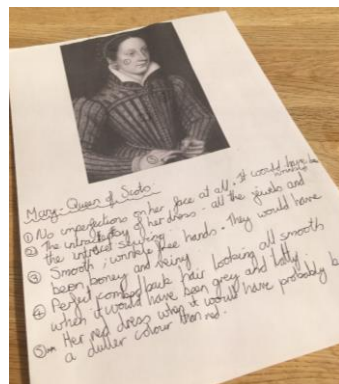
General Haig's attitude is that he is prepared to lose some soldiers to win a battle. He also says that no matter how much skill, training or weapons we have we are still going to suffer losses.

Task: Can you match the keywords with their definitions below? Remember to use a ruler for lines.

Interpretation	Extra information about the origins of the source, linked to the 21st (who, what, when, where and why)
Context	A particular speaker or point of view
Provenance	The actual words or imagery of the source or interpretation

Task: Using the sources below, what can you infer about what happened at the Battle of the Somme? You must highlight any words in the sources that you do not understand.

A headline from a British newspaper on the first day of the Battle of the Somme.



## Year 11 Work

Year 11 work continues to be set on SMHW for subjects where the exam board specifications have not yet been completed. We feel that it is our duty to ensure our students have to opportunity to cover all of the GCSE content. However, most subjects had finished the courses before the school closure. For these subjects, the tasks set on SMHW will be transition work for those planning to study A levels etc., or revision activities for those planning to sit the GCSE exams in the future, which will be an option for all students. Students may even wish to complete the tasks to keep their brains active and their skills at a high level.

## Enrichment Activities

**PE:** 9am every weekday morning [www.thebodycoach.com](http://www.thebodycoach.com)

**Science:** Mars exploration website from NASA <https://mars.nasa.gov/msl/home/>  
Chester zoo are opening their virtual gates! <https://www.chesterzoo.org/virtual-zoo/>

**English:** An extra special treat for Shakespeare's birthday! You can access nine past RSC, Globe Theatre and Royal Opera House productions on BBC iPlayer to celebrate the birth of the Bard, including 'Macbeth', 'The Tempest' and 'A Midsummer Night's Dream'.  
<https://www.bbc.co.uk/iplayer/episodes/p089zds8/culture-in-quarantine-shakespeare>

**All Subjects:** Lots of you will have heard of TED Talks, well now there's TED-Ed! Sign up for free and browse hundreds of TED-Ed Animations and TED Talks designed to spark curiosity.  
<https://ed.ted.com/>

## Access to Show My Homework



If a pupil cannot remember their Show my Homework log in details, simply go the school website and click on the show my homework. This gives you access to the whole school calendar where you can easily filter work by year groups and subject. You can also request your log in detail by emailing [info@garstangcommunityacademy.com](mailto:info@garstangcommunityacademy.com)

## How to access support

Please use the following email addresses if you need to access support:

[science@garstangcommunityacademy.com](mailto:science@garstangcommunityacademy.com)

[maths@garstangcommunityacademy.com](mailto:maths@garstangcommunityacademy.com)

[english@garstangcommunityacademy.com](mailto:english@garstangcommunityacademy.com)

[mfl@garstangcommunityacademy.com](mailto:mfl@garstangcommunityacademy.com)

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[hsc@garstangcommunityacademy.com](mailto:hsc@garstangcommunityacademy.com) (Health & Social Care)

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[progress@garstangcommunityacademy.com](mailto:progress@garstangcommunityacademy.com) (progress leaders)

[info@garstangcommunityacademy.com](mailto:info@garstangcommunityacademy.com) (general enquiries)



### Follow us on Twitter!

If you don't do so already please follow us on Twitter @GarstangAcademy. Lots of student work, DfE updates, messages and community news are posted regularly.



### Exciting News! Coming soon...

We would like students from all year groups to be involved in producing a 'Lockdown Album'! This will include a 'Lockdown Single' with as many voices as possible!  
More information to follow from Mrs Crow!

Remember that our guidance for accessing work and support during a school closure can be found on the school website.