Newsletter

Friday 26th February 2021

Penwortham Girls' High School

Science Department News

Could Engineering be your future?

Year 10 have been fortunate enough to not only talk to an ex PGHS student but a Trainee Engineer called Jess. Jess was an ex pupil here at PGHS and held the role of Deputy Head Girl. She left PGHS in 2018. You may recognise her from this photo.

Since leaving PGHS, Jess went on to study BTEC Level 3 Extended Diploma in Engineering at Runshaw College. She then decided she wanted to be an apprentice within a company. Jess spoke about her application process and about how resilience is key when you don't always get what you want first time. On her fourth application she secured a placed with Cadent Gas on their ETP scheme (Engineer Training Programme). Cadent own, operate, maintain, repair and develop the gas distribution pipe network in the majority of England. It is the UK's largest gas distribution company, owning 4 of the 8 networks. Since joining Cadent she has participated in training, fundraising and site visits. She has also made many new friends.

Jess will be part of this training programme for 2 years and is on a starting salary of £23,500. She also has many benefits like a company car, fuel allowance, food and accommodation allowance if she attends any training around the country.

Jess said "I really enjoyed the session with everyone talking about engineering and my time with Cadent Gas so far on the Engineering Training Programme. I've always wanted to come back to school and speak with the pupils. I loved talking to everyone and answering all their questions. My advice would be to work hard, always ask your teachers or parents for help and never give up. Finally, make sure you are fully involved in Science, Technology, Engineering and Maths – STEM….IT IS THE FUTURE!"

What the students said:

I gained a lot of new information about STEM and all the possible future careers it holds. I also found out what subjects you should be taking in college and how to achieve your goals.

It gave me an understanding on what I should look for when looking for a job and to make sure I am taking the right subject for those jobs.

I learnt a lot about the importance of work experience and I now know more about what to expect from higher education.

It has definitely given me more career paths to consider.

I found it really interesting and also knowing that she went to Penwortham Girls' High, it showed me that anything is possible.

I learnt more about apprenticeships and BTECs and how to help make my CV stand out more.

Everything; it was amazing, engaging and captivating :) I loved it so much and I'm so glad we had this really good opportunity so thank you - it really helped me!

It made me want to explore engineering more.

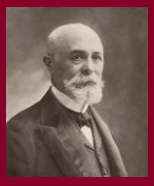
I'm now considering doing BTECs instead of A levels.

It allowed me to think thoroughly through my decisions when making career choices. Not all engineering is physical work.

If you are interested in anything to do with engineering please speak to your science teacher.

Mrs Honeyman
Curriculum Leader for Science

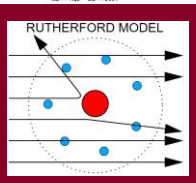
On This Day in Science



March 03: French physicist Henri Becquerel announced the discovery of radioactivity on this day in 1896. Becquerel discovered that potassium uranium sulfate crystals can produce images on photographic plates even when kept in the dark. He deduced that the crystals must spontaneously emit radiation, which earned him the Nobel Prize in Physics in 1903, along with Marie Curie.

March 06: Soviet cosmonaut Valentina Tereshkova was born on this day in 1937.
She is the first and youngest woman to have flown in space with a solo mission on the Vostok 6 on 16 June 1963. She orbited the Earth 48 times, spent almost three days in space and remains the only woman to have been on a solo space mission.

March 06: Dmitri Mendeleev's Periodic Table was announced to the Russian Physicochemical Society on this day in 1869. Although this was not the first attempt to systematically order the chemical elements, Mendeleev's table was unique, allowing him to predict undiscovered elements, as well as revealing inaccuracies in some of the measured atomic weights.



March 07: Ernest Rutherford announced the concept of the atomic nucleus on this day in 1911.
The New Zealand chemist explained that when firing alpha particles at a thin sheet of gold, some particles bounced back. From this he deduced an atom has a hard, dense, positively charged centre: the nucleus.

March 09: English palaeontologist Mary Anning died on this day in 1847.
At the age of 12, Mary discovered the first complete fossil of a dinosaur. Anning spent all her life searching the beaches of Lyme Regis (on what is now known as the Jurassic Coast) for fossils, making further discoveries such as a complete long-necked Plesiosaurus skeleton and the Pterodactylus.

March 11: Scottish biologist Alexander Fleming died on this day in 1955.
He discovered the antibiotic penicillin, which was the first of many antibiotic drugs that successfully treated a variety of bacterial diseases. This discovery earned him part of the Nobel Prize in Physiology or Medicine in 1945, shared with Ernst Chain and Howard Florey.

March 16: German-born British astronomer Caroline Herschel was born on this day in 1750.
She was the first woman to discover a comet, and in recognition for her work, was employed by King George III in 1787 working as her brother William Herschel's assistant, making her the first woman to be paid for scientific work.

March 20: Italian physicist Alessandro Volta revealed the first electric battery on this day in 1800.
He wrote to the president of the Royal Society detailing his invention, which was initially called the 'electric pile'. The battery consisted of alternating copper (Cu) and zinc (Zn) discs, connected by pieces of leather or card soaked in salt water.

March 31: German chemist Robert Bunsen was born on this day in 1811.
The exact date of Bunsen's birth is disputed and some sources claim he was born on March 30. It is thought that Bunsen himself celebrated his birthday on 31 March in his later years. Bunsen pioneered spectroscopy using his famous invention of the Bunsen burner to produce the clean flame necessary to heat substances and measure the wavelengths of light they emit. Using this method, Bunsen discovered caesium (Cs) and rubidium (Rb).

Mrs Goodwill, Science Department

Mission to Mars

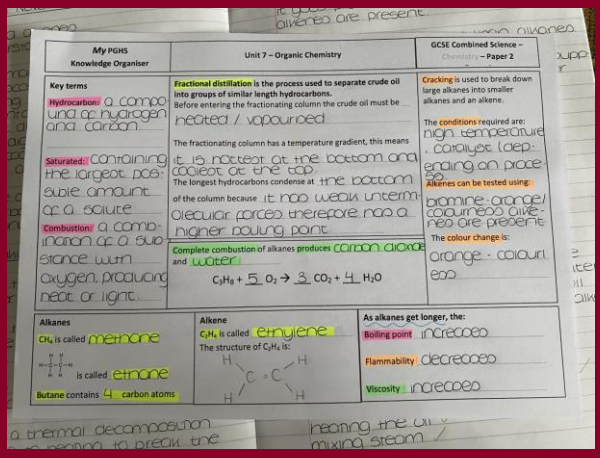
Ever fancied living on Mars? We may have to one day! If you've been watching the news this week, you'll know that NASA has just landed another rover – Perseverance - on the red planet, after a 7-month one-way trip! The reason behind the mission is to find evidence of early life and collect samples to send back to Earth in 2023! Another part of the mission looks to use new technologies to try and create breathable oxygen, in the hope of one day colonizing Mars.

In light of this remarkable feat of Science and Engineering, Years 7 and 8 have been tasked with researching and designing their own "Hab". A "Hab" is a habitat on Mars that can sustain life. It will need to allow the astronauts to breathe, eat, grow and work! This means creating ways of growing food on Mars, creating water and oxygen, and most importantly some sort of structure to protect us from the intense radiation from the sun. The students had many useful videos, websites and articles to research the different aspects but the final design was ultimately theirs. The 2 winners from each form will be entered into a national competition to win vouchers.
You can read more information about the NASA mission here - https://www.nasa.gov/perseverance

Mr Dean
Science Department

Knowledge Organisers

11Sc3 have been working on knowledge organisers. The department has created these as a framework to help students focus on the key knowledge required for each topic. They are a great starting point for exam preparation. Once completed, they can be used to test each other, as a guide for answering exam questions or for the spacing revision technique (regularly revisiting a topic at intervals with the aim of committing knowledge to long term memory).


My PGHS Knowledge Organiser

Unit 7 – Organic Chemistry

GCSE Combined Science – Chemistry – Paper 2

Key terms

Hydrocarbon: a compound of hydrogen and carbon

Saturated: containing the largest possible amount of a solute

Combustion: a combination of a substance with oxygen, producing heat or light

Fractional distillation is the process used to separate crude oil into groups of similar length hydrocarbons.
Before entering the fractionating column the crude oil must be heated / vapourised

The fractionating column has a temperature gradient, this means it is hottest at the bottom and coolest at the top.
The longest hydrocarbons condense at the bottom of the column because it has weak intermolecular forces therefore has a higher boiling point

Complete combustion of alkanes produces carbon dioxide and water:

$C_3H_8 + 5\ O_2 \rightarrow 3\ CO_2 + 4\ H_2O$

Cracking is used to break down large alkanes into smaller alkanes and an alkene.

The conditions required are:
high temperature
catalyst (depending on process)

Alkenes can be tested using:
bromine water/ colourless alkene
The colour change is:
orange - colourless

Alkanes
CH_4 is called methane
C_2H_6 is called ethane
Butane contains 4 carbon atoms

Alkene
C_2H_4 is called ethylene
The structure of C_2H_4 is:

As alkanes get longer, the:
Boiling point increases
Flammability decreases
Viscosity increases

a thermal decomposition reaction to break the

heating the oil

mixing steam

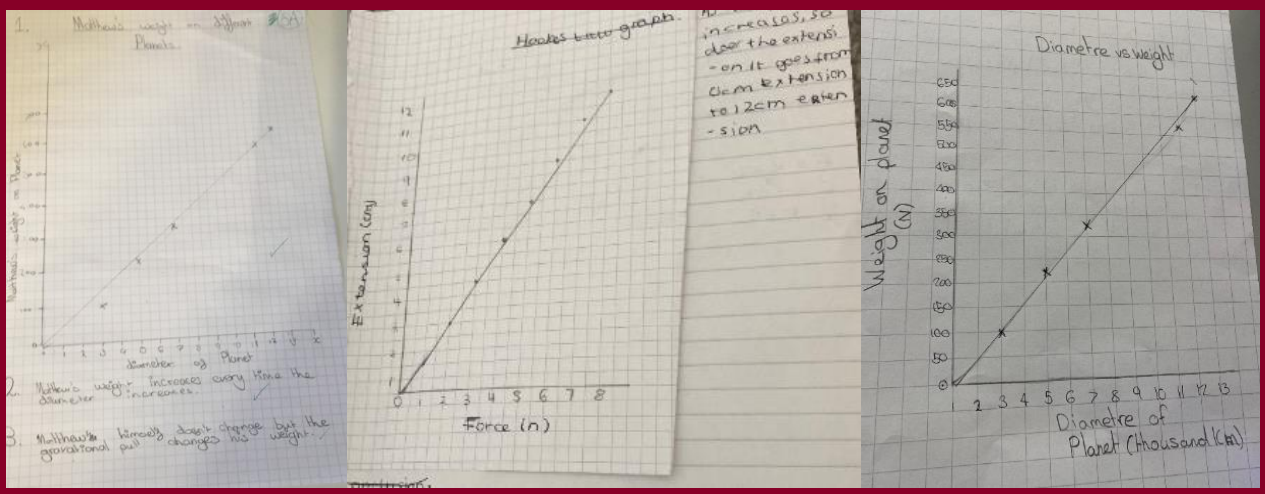
Mr Coogan
Science Department

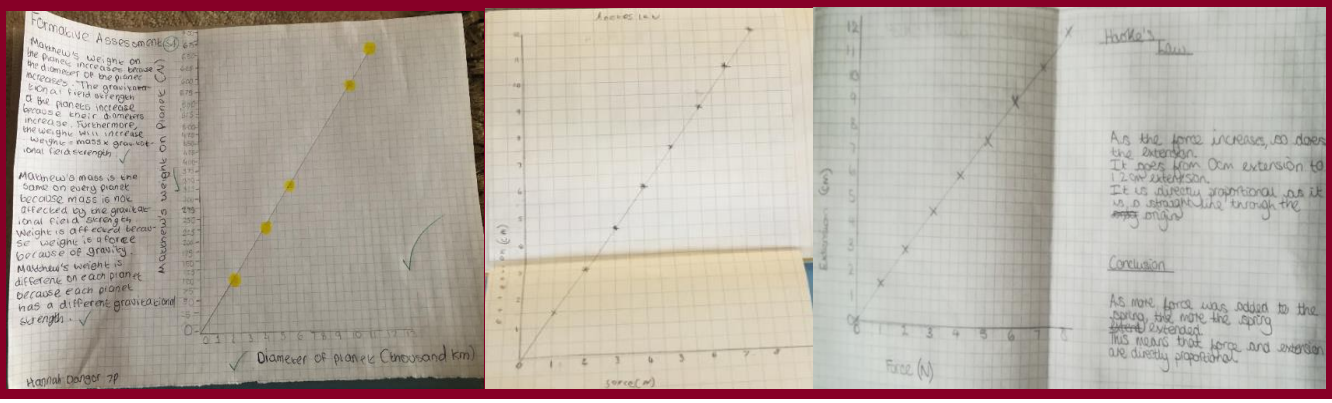
Remote Learning and Drawing Graphs

Graphs are an important skill in Science. They allow us to see trends in data and results. They even allow us to predict or extrapolate from the data and find some unknowns. They can be quite a struggle for students to master and we try and include a lot of them in our analysis of practicals. This is especially the case for our new Year 7s who haven't had much time to master these in class lessons.

When planning a lesson involving graphs that I was delivering over Microsoft Teams, I had to put a lot of thought into how to scaffold and structure the lesson to enable all students to access the lesson and be able to create a graph. The first thing we did, was to come up with a success-criteria for a perfect graph that they can refer back to and check. We then looked at some already drawn scales and line graphs. I was then able to model drawing a graph using some data and a web cam.

The final part of the lesson was for them to draw their own graphs using some different data. They then had to upload a photo so that I could provide some feedback and support for the students who were struggling. It was a very enjoyable lesson and the students responded well by producing some excellent graphs. Excellent work, 7P!!
Mr Dean
Science Department





Science Wellbeing Activity

The Science wellbeing activity looked at the wonder of walking water, all with items that you find in the home. It is one for the whole family (adults included) who become completely mesmerized with the process. It is hard to believe how quickly the water travels up the paper towel and it is very calming and amazing to watch the colours mix together. It is very easy to do and you start seeing results right away. Here is the link if you missed it. https://www.youtube.com/watch?v=VyZo16x4-lQ

The Science behind the investigation is that the water appears to defy gravity but in reality, it moves because of a process called 'capillary action'. Water is able to move against the force of gravity because water molecules stick to each other AND they stick to the fibres of the paper towel. As it was Valentine's week, students did the activity in the shape of a heart. Here is just one of the great examples done that day.

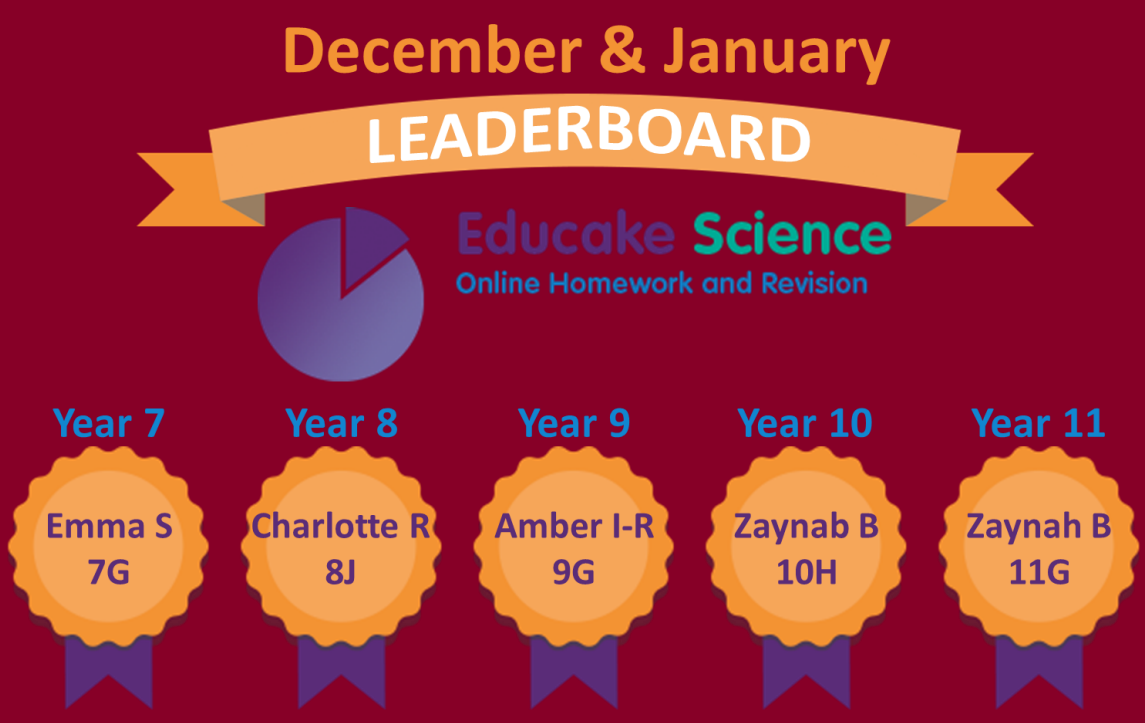
Mrs Cahill
Science Department

Evolution with Year 11

As part of the final unit of Biology content, Year 11 have been learning about evolution by natural selection and speciation. These concepts are central to understanding what caused the Earth's incredible biodiversity and why many species cannot adapt quickly enough to survive in their rapidly changing environments.
These are challenging ideas to fully understand, and explaining them is a great way for students to develop their use of scientific language. If a student can clearly describe natural selection or write a detailed explanation of the process of speciation from a single ancestor, it shows real depth of understanding.

Mrs Honeyman
Curriculum Leader for Science

Educake Leaderboard



TeenTech Innovation LIVE

The health industry has had a lot of coverage this year but how do pharmaceutical companies develop new products?

On Wednesday 27th January, every student at PGHS was invited to join an innovative on-line event hosted by the TeenTech team and led by the leading pharmaceutical company GSK. The aim of the session was to explore the work of the R&D team in Consumer Healthcare and the importance of sustainability throughout the development, production and distribution chain. GSK produce pharmaceuticals, vaccines and consumer products that everyone may have at home such as Aquafresh toothpaste, Beechams Cold and Flu remedies, Horlicks and Panadol.

Many of our students took this opportunity to join this LIVE session, which was a very interactive and powerful way for them to understand the fast-changing world of science and technology within the health industry.

Our students were incredibly positive about the event and it was lovely to hear such positive feedback. Here are some of their comments:

Fatima Z K (8G) – "I learnt that GSK create around 1 billion tubes of toothpaste a year, also that there is a peanut butter flavoured toothpaste."

Mya J (10S) – "I found the event interesting and super fun as they made the LIVE aspect very inclusive by doing quizzes. I am already interested in a career in STEM so this made me more interested. I learnt that you can start a career in STEM from all levels of qualification and you can start through many ways to do a whole collection of jobs (such as product design, production, or marketing etc.) Thanks for giving me the opportunity to attend the event."

Fareesha K (10S) – "This session taught me about the different careers GSK has to offer. I also found out that you don't necesserilly need a degree to work for them either. I think it's given me a more varied idea of the options open to me for future careers and more areas to look into."

Macy H (7H) – "I found it very interesting. It was very weird and gross to find out that they used to use urine and crushed up mouse bones in tooth paste!"

Miss Forrest
Science Department

Covid Vaccine Success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NEWS

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Health

Covid vaccines - 'spectacular' impact on serious illness

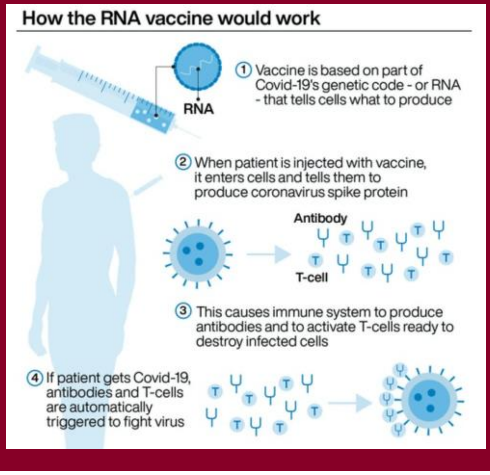
By Nick Triggle
Health correspondent

1 day ago | Comments

Coronavirus pandemic

The first results of the UK vaccination programme suggests it is having a "spectacular" impact on preventing serious illness.
Research led by Public Health Scotland found at four weeks after the first dose, hospital admissions were reduced by 85% and 94% for the Pfizer and AstraZeneca jabs respectively.

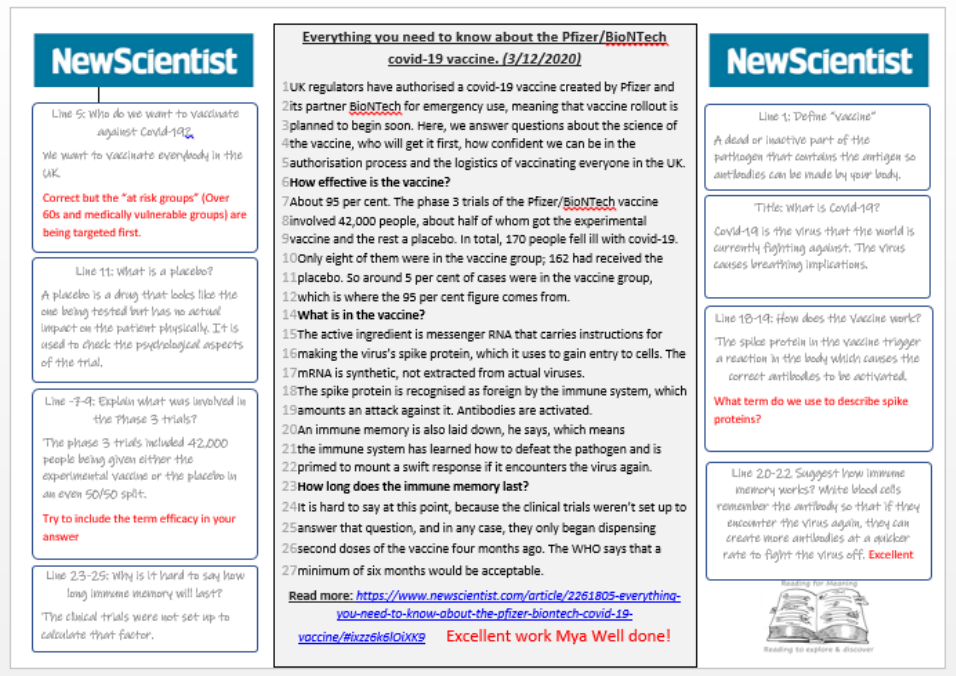
Recent reports have suggested that the COVID Vaccines are having a dramatic impact on reducing hospital admissions. The Year 10 students have been learning about the role of the immune system and how vaccines can be used as they study the AQA Biology/Trilogy Unit 3 'Infection and Response'.
The girls have learnt how vaccinations contain modified pathogens or synthetic versions of the antigens on the surface of the pathogen to stimulate the immune response to produce antibodies specific to the pathogen. The girls learn about the presence of the 'memory' white blood cells which provide continued immunity. Vaccination programmes are studied and the students have learnt how they can establish herd immunity within the community. The girls have also learnt about the process for developing new drugs, learning about the pre-clinical and clinical stages of drug development designed to test for "TED" – toxicity, efficacy and dosage all terms being routinely used in news reports.



The examples below show how the girls have been developing their literacy skills within their science curriculum.

Mr Knee

Science Department



NewScientist

Line 5: Who do we want to vaccinate against Covid-19?

We want to vaccinate everybody in the UK.

Correct but the "at risk groups" (Over 60s and medically vulnerable groups) are being targeted first.

Line 11: What is a placebo?

A placebo is a drug that looks like the one being tested but has no actual impact on the patient physically. It is used to check the psychological aspects of the trial.

Line 7-9: Explain what was involved in the Phase 3 trials?

The phase 3 trials included 42,000 people being given either the experimental vaccine or the placebo in an even 50/50 split.

Try to include the term efficacy in your answer

Line 23-25: Why is it hard to say how long immune memory will last?

The clinical trials were not set up to calculate that factor.

Everything you need to know about the Pfizer/BioNTech covid-19 vaccine. *(3/12/2020)*

UK regulators have authorised a covid-19 vaccine created by Pfizer and its partner BioNTech for emergency use, meaning that vaccine rollout is planned to begin soon. Here, we answer questions about the science of the vaccine, who will get it first, how confident we can be in the authorisation process and the logistics of vaccinating everyone in the UK.

How effective is the vaccine?

About 95 per cent. The phase 3 trials of the Pfizer/BioNTech vaccine involved 42,000 people, about half of whom got the experimental vaccine and the rest a placebo. In total, 170 people fell ill with covid-19. Only eight of them were in the vaccine group; 162 had received the placebo. So around 5 per cent of cases were in the vaccine group, which is where the 95 per cent figure comes from.

What is in the vaccine?

The active ingredient is messenger RNA that carries instructions for making the virus's spike protein, which it uses to gain entry to cells. The mRNA is synthetic, not extracted from actual viruses.

The spike protein is recognised as foreign by the immune system, which amounts an attack against it. Antibodies are activated.

An immune memory is also laid down, he says, which means the immune system has learned how to defeat the pathogen and is primed to mount a swift response if it encounters the virus again.

How long does the immune memory last?

It is hard to say at this point, because the clinical trials weren't set up to answer that question, and in any case, they only began dispensing second doses of the vaccine four months ago. The WHO says that a minimum of six months would be acceptable.

Read more: https://www.newscientist.com/article/2261805-everything-you-need-to-know-about-the-pfizer-biontech-covid-19-vaccine/#ixzz6k6lOiXK9 Excellent work Mya Well done!

NewScientist

Line 1: Define "vaccine"

A dead or inactive part of the pathogen that contains the antigen so antibodies can be made by your body.

Title: What is Covid-19?

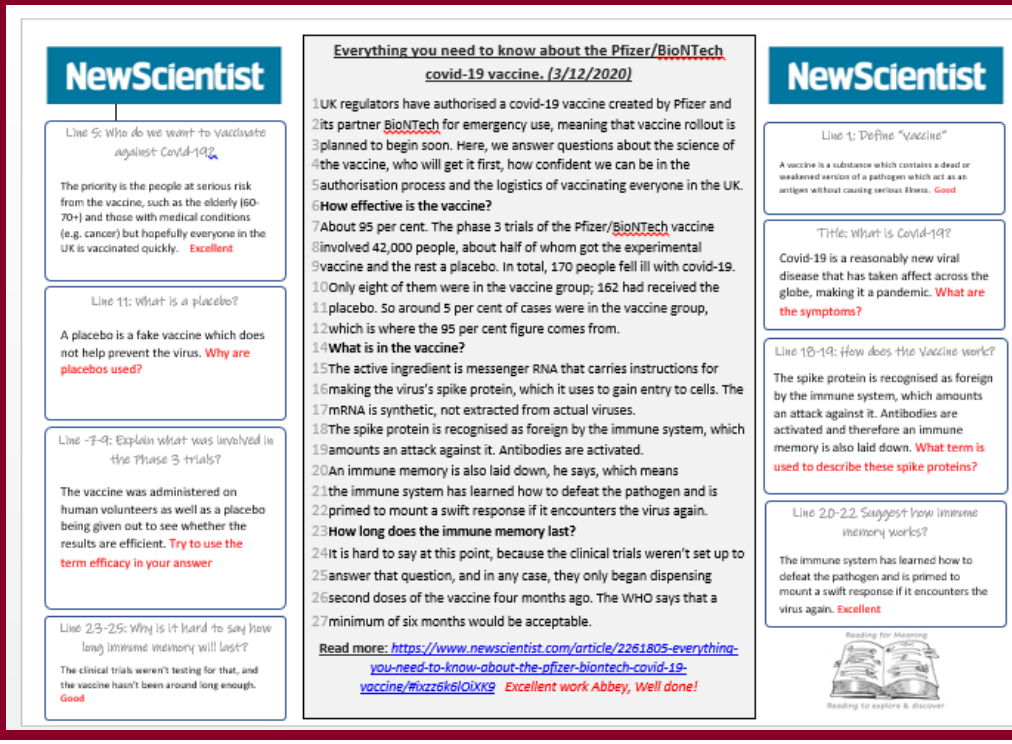
Covid-19 is the virus that the world is currently fighting against. The virus causes breathing implications.

Line 18-19: How does the vaccine work?

The spike protein in the vaccine trigger a reaction in the body which causes the correct antibodies to be activated.

What term do we use to describe spike proteins?

Line 20-22 Suggest how immune memory works? White blood cells remember the antibody so that if they encounter the virus again, they can create more antibodies at a quicker rate to fight the virus off. Excellent



NewScientist

Line 5: Who do we want to vaccinate against Covid-19?

The priority is the people at serious risk from the vaccine, such as the elderly (60-70+) and those with medical conditions (e.g. cancer) but hopefully everyone in the UK is vaccinated quickly. Excellent

Line 11: What is a placebo?

A placebo is a fake vaccine which does not help prevent the virus. Why are placebos used?

Line 7-9: Explain what was involved in the Phase 3 trials?

The vaccine was administered on human volunteers as well as a placebo being given out to see whether the results are efficient. Try to use the term efficacy in your answer

Line 23-25: Why is it hard to say how long immune memory will last?

The clinical trials weren't testing for that, and the vaccine hasn't been around long enough. Good

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Read more: https://www.newscientist.com/article/2261805-everything-you-need-to-know-about-the-pfizer-biontech-covid-19-vaccine/#ixzz6k6lOiXK9 *Excellent work Abbey, Well done!*

NewScientist

Line 1: Define "vaccine"

A vaccine is a substance which contains a dead or weakened version of a pathogen which act as an antigen without causing serious illness. Good

Title: What is Covid-19?

Covid-19 is a reasonably new viral disease that has taken affect across the globe, making it a pandemic. What are the symptoms?

Line 18-19: How does the vaccine work?

The spike protein is recognised as foreign by the immune system, which amounts an attack against it. Antibodies are activated and therefore an immune memory is also laid down. What term is used to describe these spike proteins?

Line 20-22 Suggest how immune memory works?

The immune system has learned how to defeat the pathogen and is primed to mount a swift response if it encounters the virus again. Excellent


PENWORTHAM GIRLS' VIRTUAL
Talent Show
PENWORTHAM GIRLS'
Got Talent
VIRTUAL AUDITIONS OPEN!
FROM MONDAY 22ND FEB -
FRIDAY 5TH MARCH

audition guidelines

WHO CAN JOIN?

Any students (and families) who can sing, rap, play instruments, act, make people laugh etc.

WHEN AND WHERE?

Application forms to be completed via forms. Please open the camera on your smart phone and scan the QR reader above or follow the link

https://bit.ly/3awK3wL

FOR MORE INFORMATION

A.GARLICK@PENWORTHAMGIRLS.LANCS.SCH.UK


So
WHAT CAN YOU DO?
CHECK OUT THESE IDEAS...
SING A SONG
PLAY AN INSTRUMENT
PERFORM A MONOLOGUE
STAND UP COMEDY
DOG TRICKS WITH THE FAMILY PET
CHEERLEADING
PAINTING
TIKTOK MAKEUP CHALLENGE (EMOJIS)
SLAM POETRY
MAGIC ACTS
THE LIST IS ENDLESS...
Good luck!

PGHS Building the Empathy Generation

Empathy Week is a global event introduced in February 2020 and involved 4000,000 students from over 48 countries. Empathy Week is an invitation for young people across the world to put empathy into action, developing the skills of leadership and resilience along the way. This year's theme is 'Resilience and Diversity'

The week runs from February the 22nd to the 26th and to highlight this in school we held a virtual assembly highlighting the importance of empathy as we believe this strongly links to the school's core values of compassion and social responsibility. We are also ascertaining the girl's views on empathy through an online quiz. Furthermore, we are aiming to involve the girls as volunteers in a project to highlight the importance of empathy and develop their leadership skills when we return to school shortly. We have chosen the themes of 'understanding racism' and 'mental health issues'. I am confident the girls will rise to the challenge and produce some excellent ideas and I am very much looking forward to sharing these in a future edition of the newsletter.

You can access more information about empathy week using this link:
https://www.youtube.com/watch?v=k2Wlik5Dd7c

Mrs Hall
Deputy Headteacher

Life Skills Update

Once again, here are the KS3 topics for the next half term with some sources of support.

Year 7
Students are looking at self-awareness through identifying core values. Strategies to deal with anxious feelings or worry, listening skills, dealing with difficult friendships and a revisit of personal safety online. They will also be completing baseline assessments on forms.
L1 –You and your values.
L2 - You and your opinions.
L3 - Feeling worried/anxious.
L4 – Rivalries.
L5 – Personal safety online revisit.
https://www.bbc.co.uk/teach/skillswise/speaking-and-listening/zdfwgwx
https://youngminds.org.uk/find-help/conditions/anxiety/
https://www.nspcc.org.uk/keeping-children-safe/online-safety/

Year 8
Students are looking at the facts about some drugs and alcohol as well as peer influence.
They will also be looking in to how they manage their time including internet gaming addiction and if they are addicted to their mobile phone. Their baseline assessment will be on Forms.

L1 – Recreational drugs and new psychoactive substances.
L2 – Dangerous illegal drugs.
L3 – Impact of drugs.
L4 – The law and drugs.
L5 – How do you spend your time?
https://www.talktofrank.com/get-help/worried-about-a-child
https://www.bbc.co.uk/newsround/49961887
https://nationalonlinesafety.com/guides/screen-addiction-guide-for-parents

Year 9
They will also be looking at the facts about drugs and how to make positive and informed choices relating to them. They will also start to look at money again, moving on to how it can affect your mental health. Their baseline assessment will be on Forms.
L1 – Health risks of drugs.
L2 – Legal risks of drugs.
L3 – Managing risk.
L4 – Long term effects of drugs.
L5 – Controlling money.
https://www.talktofrank.com/get-help/worried-about-a-child
https://www.brook.org.uk/your-life/drugs/
https://natwest.mymoneysense.com/students/students-12-16/

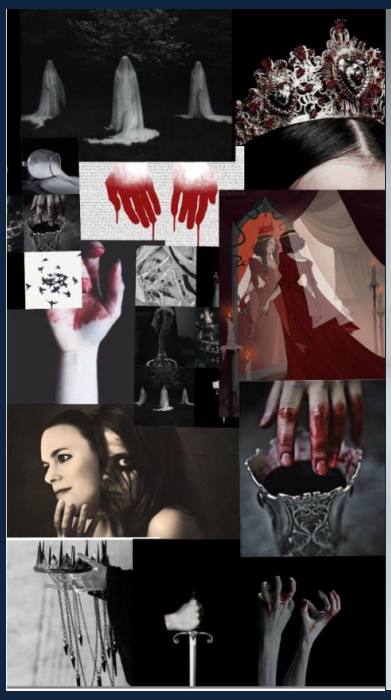
For KS4, Year 10 are moving on to different families. There is a video to show how the role of a woman has changed over the years and a description of all of the different types of family before a quiz on Forms.
Year 11 are exploring the website https://youngminds.org.uk/find-help/looking-after-yourself/sexuality-and-mental-health/#what-is-sexuality?
They have some questions to answer on Forms and are invited to also have a look at the https://lgbtplushistorymonth.co.uk/ website in celebration of LGBT+ history month.

Excellent Examples of Work and 'Shout Outs'

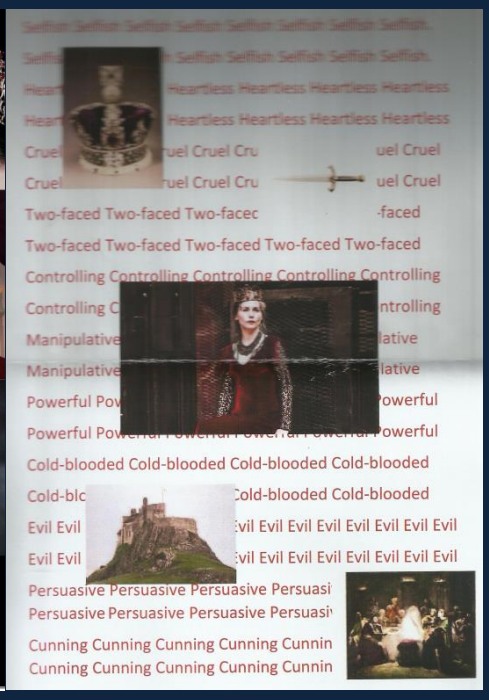
English Department

These are some of the Lady Macbeth character collages produced by our Year 8 students. We are so impressed with their creativity!

Emily K:

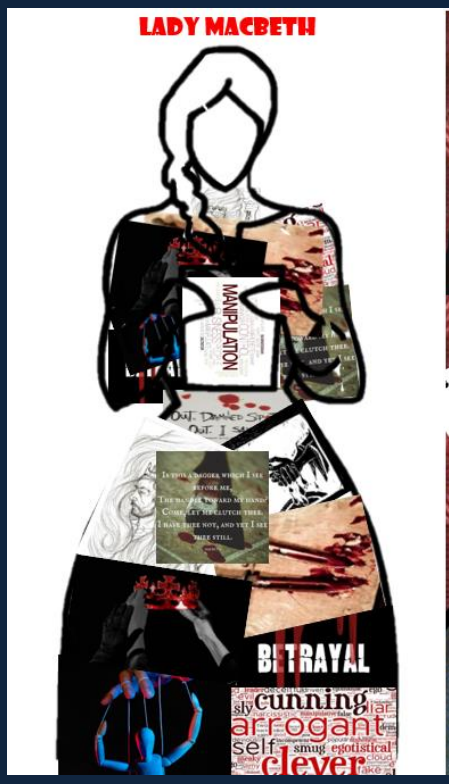


Saoirse S:



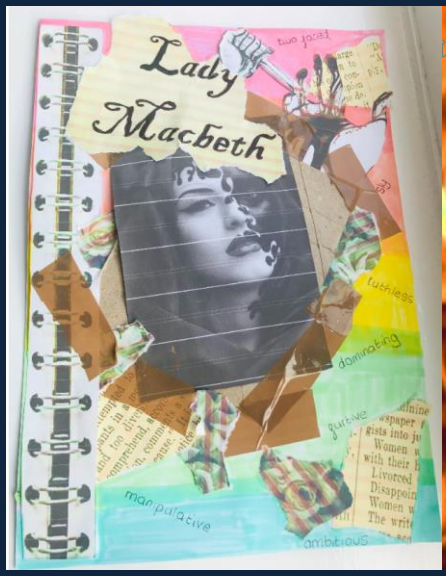
Mariyah M:

Elena L:



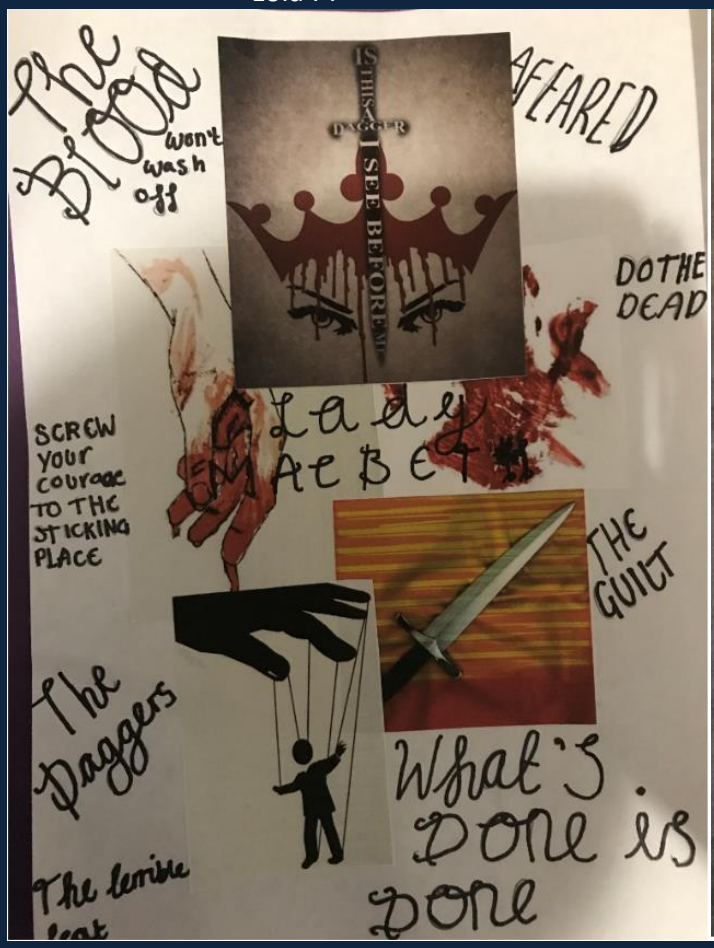
India A:

Caitlin J:

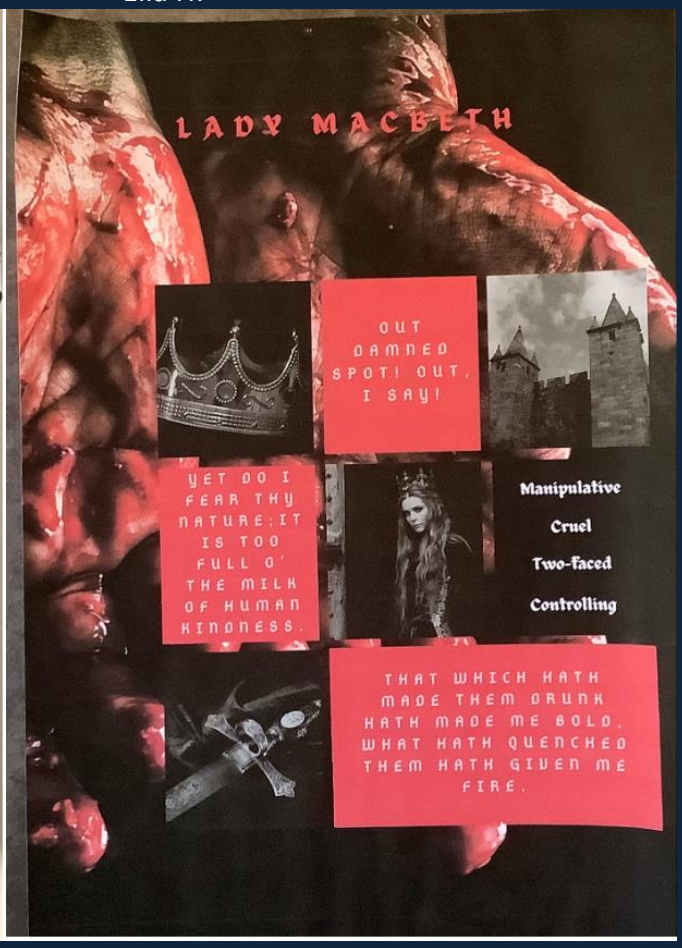


Sarah P:

Lola P:



Ella H:



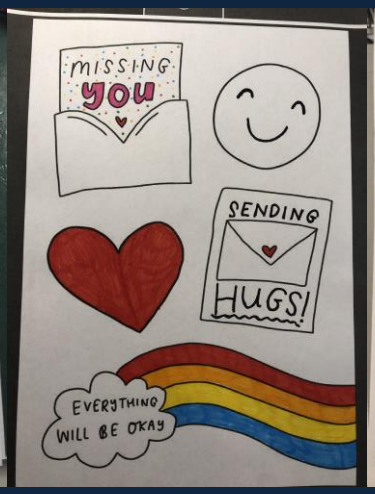
Bedrock Competition

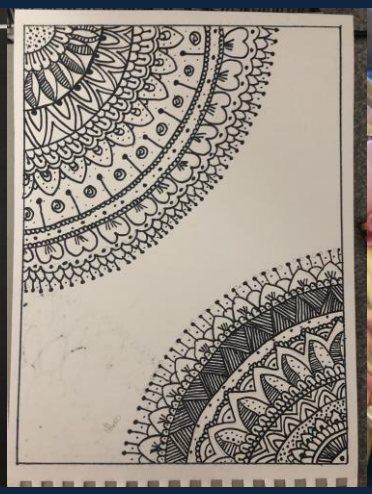
Eleanor S, Lucy F and Phoebe B have won a national Bedrock competition to recognise consistency in their use of Bedrock. Their prize is a £10 amazon voucher! Well done, girls! A fantastic achievement.

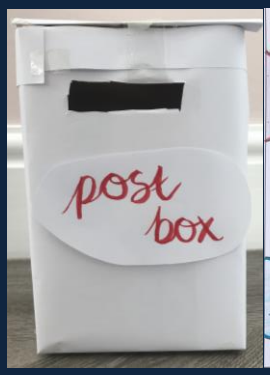
Wellbeing Friday

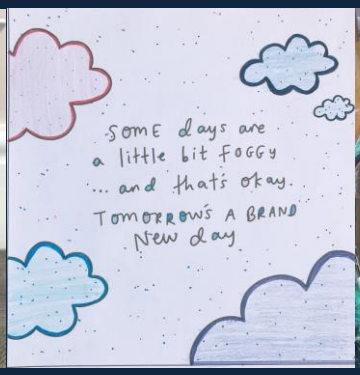
As you know, Friday 12th February was 'Wellbeing Friday' and judging from the most fantastic uploads we had on Class Charts, everyone had a brilliant day. It is important for us all to recognise the very real benefits of creating some time for ourselves; putting down, turning off or using those screens in a completely different way, really do provide us with a personal sense of fulfilment and gratification. Making time to do some colouring, bake some cookies, sing a song or learn a new skill when we are feeling a little down can make a very real difference to us all and I am sure the mammoth newsletter produced just before half term will give everyone ideas for some time to come!

Here is a selection of images from our Year 7s:





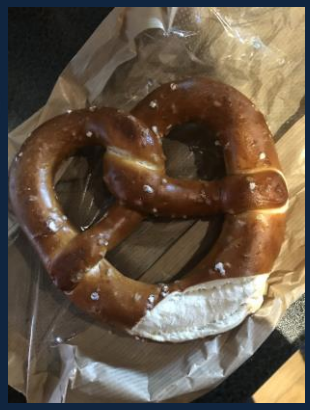





Mrs Cattanach
Year 7 Raising Achievement Co-ordinator

Modern Foreign Languages

Frau Gill's Brezel winner is Maryam B in 8J who was the first to find a German Brezel. Well done, Maryam! I hope it tasted as good as it looks!



Year 7 German
Lydia W. 7G
Neve C. 7J
Holly W. 7J
Angel A. 7S Languagenut winner
Megan L. 7S Languagenut winner
Grace B. 7P for creating her own set of German Blookets

Year 8 German
Abi C. 8G
Ella H. 8H
Freya W. 8H
Amelia W. 8J Languagenut winner
Erika J. 8J Languagenut winner

Year 8 French
Sophia H. 8G
Jennah K. 8G
Charlotte R. 8S

Year 9 German
Tilly P. 9J
Naomi J. 9J
Sana A. 9S
Molly K. 9S
Ruby R. 9S
Zainab V. 9S
Bridge CS. 9P Languagenut winner
Aminah A. 9P Languagenut winner

Year 9 French
Louise P-R. 9J
Mia S. 9J
Tilly P. 9J

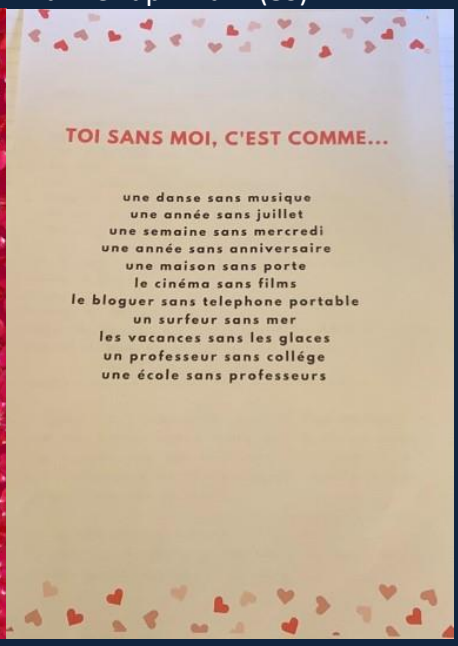
Year 10 German
Grace R
Marissa W

Y10 French
Well done to all of you for taking part in the Blooket game against Hutton Grammar before half term. Even though we lost, we put up a good fight!

Year 8 French Valentine's poem competition

Winner: India A (8S)

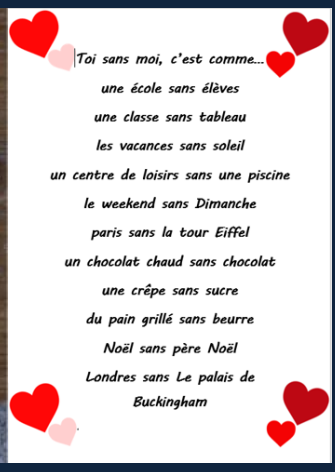
Runner up: Ella H (8S)



Year 9 French Valentine's poem competition

Winner: Rhea S (9H)

Runner up: Abi F (9J)



Mrs Gill
Curriculum Leader for MFL

Art Department

Art 'shout outs' go to the following girls in Year 7:

Emily B
Esme H
Grace D
Juliette R
Kyra T
Lydia W
Nusaibah B
Patricia K
Rosie Y
Ruby C
Saskia H
Sofia W
Lydia W
Vidhya P

Music Department

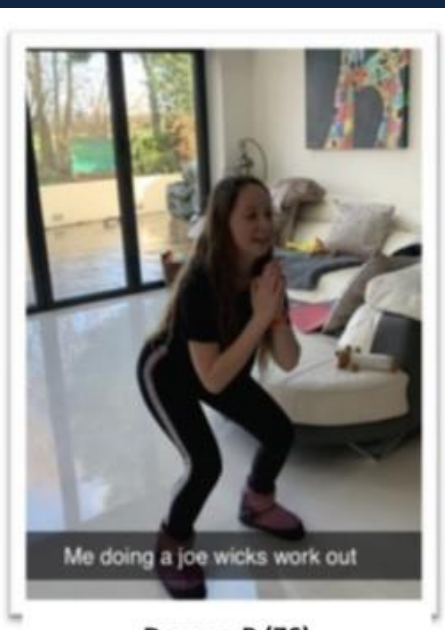
Elyse F 9G has produced a superb composition at home, generating and then developing her own video game, 'leitmotif' which she has done with creative flair, imagination, sense of pace and ideal for the intended purpose.

Sports, Performance and Health

Joudy A in 9S has been super engaged with Life Skills and PE and has handed every piece of work in on time! Well done, Joudy!

Wellbeing Bingo! Children's Mental Health Week

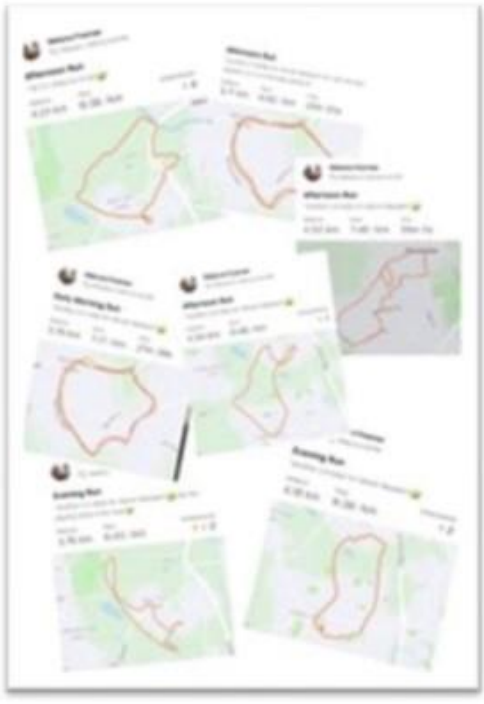
Many of our students took part in a variety of wellbeing activities during 'Children's mental health week'. Some of the activities included daily walks, runs, mindful colouring, Joe Wicks PE, reading, family board games and cooking. I am so pleased to see our students are making their mental health a priority.

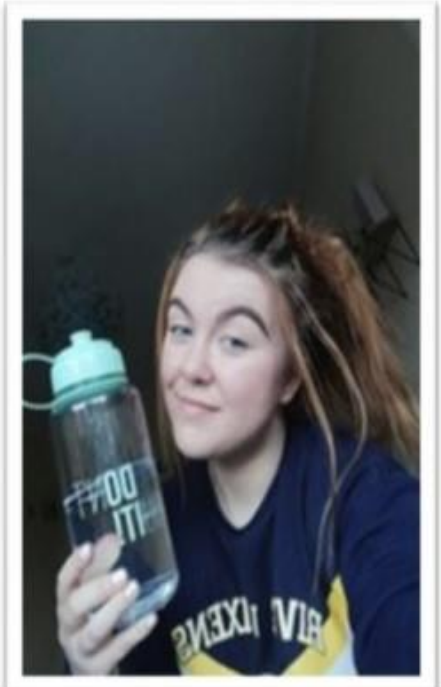


Darcey. P (7S)

Tilly. C (7G)

Charley. L (10G)





Vidhya. P (7H)

Sofia. S (8G)

Olivia. S (9G)

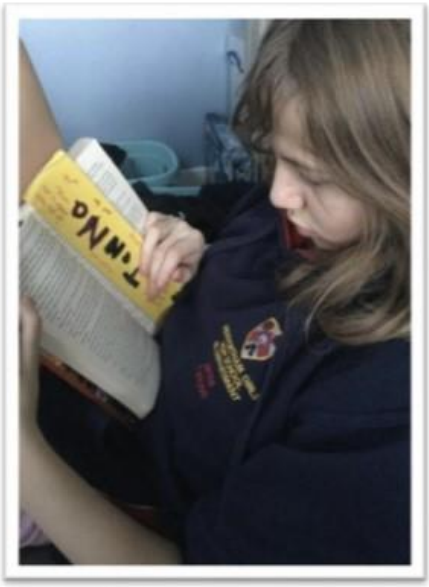
Evie. H (7P)

Eloise- Mai F (7S)

Jasmaine. S (7G)

Aminah. A (9P)

Natalie. U (7S)



Jenna. K (7P)

Safurah H (10S)

Hattie. C (7H)

Sophia. H (8G)

Katie. W (8P)

Claudia. B (7P)

Chelsea. D (8J)

Head's Commendations

Alice C (Year 10)
Perseverance and resilience shown with quantitative chemistry.

Heather P, Amelia W, Evelyn I, Khitam A, Hannah T, Neve G (Year 8)
Great NHS competition entries! (Science)

Charlotte P, Niamh L, Emily B, Erin C, Elizabeth B-R, Claudia B, Grace B and Zara H, Vidhya P, Nusaibah B, Abigail S, Lexie P, Angel B (Year 7)
Great NHS competition entries! (Science)

Eshaal M (Year 8)
For her great attempt at the 'walking on water' experiment. (Science)

Kaitlyn Cox (Year 7)
Fantastic effort throughout remote learning. Always produces high quality work and emails her teacher to check understanding. (Science)

Angel A (Year 7)
For producing a phenomenal pastiche of Julia Donaldson's, The Gruffalo, aptly named 'The Coronovirus'.

Stevie M (Year 9) (Music)
Superb development of your leitmotif. Well done! (Music)

Hannah D and Naomi T (Year 7)
Fantastic work on the string family. (Music)

Kaoma M (Year 9)
Fantastic work on the gaming music unit. (Music)

Tilly P, Louise P-R, Kaoma M, Naomi J (Year 9)
Brilliant debate written about the causes of suffering. (RE)

Head's Commendations

Charlotte G, Scarlett C, Olivia F, Darcy A, Lola I, McKenzie H, Tasneem D, Katie M, Amy B, Anna G, Emily B (Year 11)
Incredible consistent effort and attitude in English throughout the entire period of lockdown.

Samantha C (Year 11)
Incredible effort across all subjects in the face of adversity.

Elyse F (Year 9)
For excellent gaming leitmotif development. (Music)

Lucy E, Sana M, Eva S, Olivia B, Sophie C, Juwairiyah B (Year 11)
Fabulous effort, time management and resilience. Since the start of home learning these girls have completed and uploaded every single piece of work on time and to a high standard. (English)

Lauren I, Ella M, Zahraa K, Lucy B, Alice C, Emily S, Megan B, Olivia N-M, Keira P (Year 10)
Fabulous effort, time management and resilience. Since the start of home learning these girls have completed and uploaded every single piece of work on time and to a high standard. (English)

Emily J (Year 7)
Exceptional making from the Year 9 recipe book. (Food Preparation and Nutrition)

Claudia B (Year 7)
Claudia has worked exceptionally well, completing all her cooking and home learning tasks. (Food preparation and Nutrition)

Isabelle B (Year 8)
Excellent Photography produced over home learning.

Issy H, Bridget C-S, Grace B, Charlotte B (Year 9)
Excellent final product in Design and Technology.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10am - 10.45am NHS Insight Session
11.10 - 12pm Applications, Values, Behaviours and Attitudes
1pm-2pm Speed Networking with Different Nursing Specialisms
2:10-3pm Q & A Panel
Register here
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