

BROOKVALE GROBY LEARNING CAMPUS

Valuing Everyone, Achieving Excellence

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Welcome to the Summer 2021 HPA Newsletter

HPA Update

It has been another eventful term. Year 11 and 13 have been preparing for their final assessments. Year 7 and 8's have been completing their end of year assessments. Year 10 will be preparing for their mock exams.

I'd like to take this opportunity to introduce myself. My name is Ms Gajjar and I am covering for Mrs Purdon as HPA coordinator for the duration of her Maternity leave. I look forward to working with the students over the next 2 terms and have enjoyed the interactions with them so far.

In this issue:

- Update on the Biolearn Challenge
- Results of the Naboj Math competition
- Updates for Early Entry year 12 students.
- Update of exemplar work from faculties
- Overview of work that has been done with KS3 and 4 by HPA coordinator
- Overview of the work being done with KS2 transition
- Ways to support students at home

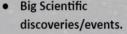
KS2 Transition

In preparation for our Year 6 students joining us next year we have launched a time capsule challenge and given a subject specific stretch and challenge reading list.

Year 6 students will get a flavour of what challenge will look like when starting at BGLC as well as exploring their interests.

This can be found on the school website in the transition section

https://brookvalegroby.com/vip-year-6/



- Endangered/extinct animals.
- Most important events.
- Poems and literature.

include in your capsule. This can be as a powerpoint, letter or labelled images.



re moving a select number new planet Kepler-22b.

menting the last 20 years in capsule.

- Toys that were popular
 - Current news
 - Food that was popular
 - Music
 - Sporting events/achievements.
- Influential leaders.

Youtube channel - numberfile

English

The Girl of Ink and Stars by Kiran Millwood Hargraves

Skellig by David Almond

The Lion the witch and the wardrobe by C.S Lewis

Science

The Physics Of Superheroes - James Kakalios

The Musical Human-By Michael Spitzer

Brief answers to Big questions Stephen Hawking

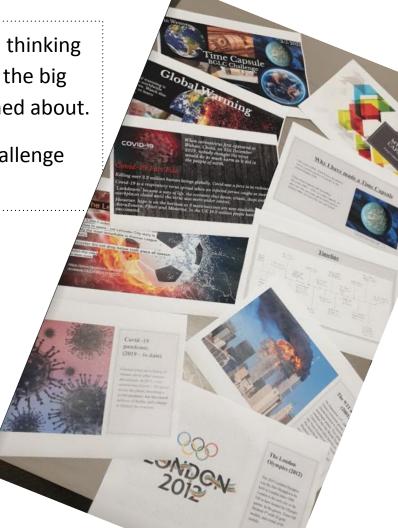
Kid Innovators Robin Stevenson and Allison Steinfeld

KS3

KS3 have been exploring curiosity and critical thinking in morning sessions. Asking questions about the big issues that they are curious about or concerned about.

Year 7 have taken part in the time capsule challenge with some outstanding pieces of work.





KS4 HPA

Year 11

Students have been focussing on revision skills and preparation for their final assessments.

Lots of discussion around aspiration and setting short and long term goals.

Good luck to them all as they finish their assessments and embark on the next chapter of their journey!

<u>Year 10</u>

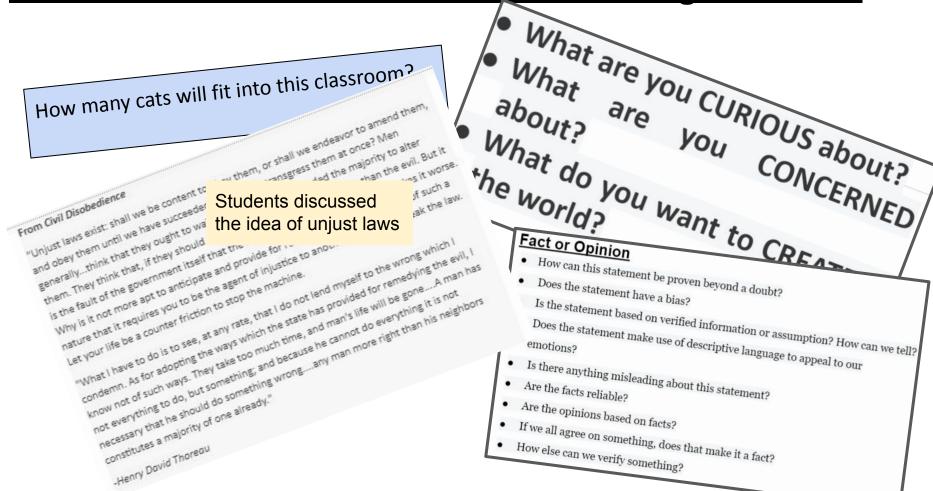


- Year 10 have been focussing on curiosity, critical thinking and aspirations.
- We have worked on making revision timetables and building on revision skills in preparations for their mock exams.
- Students have signed up for Virtual work experiences through S4nextgen.org. This an exciting opportunity for students to gain insight and experience in fields they may have an interest in and to explore fields they may know little about.

Coming up:

- Scientific Director in from X&Y Fertility clinic will be doing a talk
 Monday 5th July
- Careers interviews with our very own careers advisor Mrs Dymond
- Virtual talk from a international recruiter based aboard
- Women in STEM virtual event through Cardiff University

Some of the activities we have done during tutor time



Early Entry Oxbridge and Medicine



Students had a expert session with Leicester University on how to write a show stopping personal statement. They found this invaluable and are now in the process of getting them underway.

There are more sessions On Demand that students can view using:

https://le.ac.uk/study/on-demand

A great resource for those wishing to study medicine

https://le.ac.uk/medicine/doctors-bag



Taster/work experience opportunities coming up:

Cambridge University have released their subject masterclasses:

https://www.undergraduate.study.cam.ac.uk/events/fundedplaces

InvestIN Summer schools:

https://investin.org/pages/choose-your-summer-career-experience-ages-15-18? mc_cid=a14631453b&mc_eid=a4ce1ecf81

Cambridge Maths open day

https://www.maths.cam.ac.uk/undergrad/admissions/openday

Cambridge University session on applications and personal statements https://christs-cam-ac-uk.zoom.us/webinar/register/WN UrlyS3VpQAGQioRBb3b

LUA

Students should be starting to revise for their UCAT test and booking BMAT https://www.ucat.ac.uk/prepare/practice-tests/

Science: Biolearn Challenge

Two Teams took part. Our KS3 team made up of all girls flying the flag for women in STEM designed a shelter for students to use using a variety of solutions through nature. Great thought went into how they could not only make it sustainable but using Nature's solutions to solve the issues of design challenges. Some organisms that have

Biomimicry uses natures natural brilliance and solves design issues and challenges. How could you use an idea from

Nature to solve an issue in school or your local community?

> Our KS4 team designed a way of recycling and cleaning the water that drains from places like the canteen and bathroom sinks. They planned meticulously ways they can use nature to clean the water so it is safe enough for the Fruit and vegetables in the Peace

Garden.

Birds-their feathers for watertightness and insulation

Mice-mouse holes for drainage and ventilation

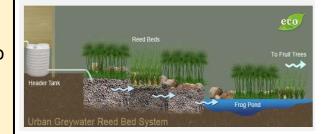
Butterfly wings- water repellent and cleaning

Bees- their honeycomb structure is strong

Trees- sturdy roots keep them in place

inspired our solution;

Permaculture inspired greywater filtration wetland/pond



Naboj International Maths Competition

Quote from Isobelle
Kitchen and
Amelia-Amba
Patel-who's team
placed 5th overall
"It was challenging,
but I enjoyed the
challenge"
"I liked that we all
had to come together

Náboj is a fast-paced, problem-solving maths competition for teams of five designed to promote mathematical ability, inventiveness, ingenuity and teamwork.

The Náboj competition is designed to give an opportunity to apply the students' mathematical knowledge to solve a range of interesting and challenging problems. It also encourages and rewards teamwork and cooperation, and provides an exciting and fun opportunity to test and stretch their problem-solving skills.

Our 5 teams took part in the Juniors section and placed 5th, 9th, 10th, 11th and 14th out of 15 teams. A massive well done to all that took part and a special thanks to Mrs Lavender-Sherif for coordinating this.







Peace Garden Project

After the uncertain and unprecedented year we've had looking after our mental health has never been more important. Students have shown resilience in such an unpredictable time and we would like to create a space to aid in well-being. The theme for this year's Mental Health week is Nature and what better way to celebrate this than by providing our students with a safe space to reflect in at social times. It will also give students an opportunity to get involved in extracurricular activities such as a gardening club which will be helpful for their well-being.





Many of our HPA students were involved with the 'Big Dig' on Wellbeing Wednesday during Mental Health awareness week 10th to 16th May. They have also been integral in the planting and will be involved in the upkeep of the garden. They have demonstrated commitment, initiative and are passionate about sustainability and the importance of nature not only for wellbeing but for the environment.

Health and Social Care is an option that students can choose for study at GCSE.

Students complete four pieces of coursework (internal assessment) and one exam. Here is a wonderful example of student coursework.

Students always apply their knowledge to case studies, and this work demonstrates the level of detail that students can go into.

Component 1 - Learning Aim A Human Lifespan Development

Understand human growth and development across the life stages and the factors that affect it

Assignment Title: Understanding how life affects our growth and development

For this assignment I have been asked to research a celebrity and talk about how what happens at their different life stages affected their growth and development throughout life

I have decided to base my assignment on Eminem and I will write about these three life is that this person has been through or will go through, they are early childhood, adolescent and early adulthood I have chosen this person and these life stages because these stages affected his growth and development the most and these are when most of the events happened in his life.

Eminem (Marshall Bruce Mathers III) was born in Saint Joseph, Missouri in the United Stat on the 170 Ctabler 1972. He had an absent disd and a drug obsessive mother who nearly is during his 72 hour long labour. His mother was only 15 and wasn't hands on in his extension to therefore he struggled in shoot). Despite this, he found inspiration in word most he developed a leve for the music industry, even though he struggle on the other of the childhood he is now a successful rapper with 15 shorming wasn't grown to the struggle of the childhood he is now a successful rapper with 15 shorming wasn't grown to the struggle of the struggle

Part 1

Physical development: " and "

Intellectual development: Marshall struggled with learning but enjoyet English which be intellectual development. Marshall struggled with learning but enjoyed registed with ADHO (attention deflict hyperactivity disorder) and was given medication to help with his disorder. At this gap he should'res started his education making him halle to learn from tea and his peers making him more curious and inquisitive. He should have been able to work questions with support from apparatus and teachers and he'd also develop his independent He would be able to speak in full sentences by the age of five and broaden his vocabularly which would later help his rap career because for his fyircs would only make sense his vocabularly which would later help his rap career because for his fyircs would only make sense his vocabularly which would later help his rap career because for his fyircs would only make sense his vocabularly which would later be high his rap career because for his fyircs would only make sense his vocabularly which would be able to define that between

Emotional development-His mum would have been too addicted to drugs to pay attent to her son which would mean that his needs for love and affection would be neglected an needs for vital attenhems two wolfs be further to this means he wouldn't be able to under the affection that people give and receive. Because he didn't receive care and affection he would not be able to give it to other people making it harder for him to develop relations : others, isolating him from others. He would have had to learn how to become independent quicker than others as he would have had no family to attach himself to during his childhood. Social development: Eminem wouldn't have formed strong relationships with his parents/guardians as they were very absent throughout his childhood. He may have struggled to make friends during school as he didn't know how to form bonds because of his negles; throughout childhood. He may have shid away from cubbs because of his hopker, which would lead to a greater isolation from other kids in school. His struggle in childhood well; have just been a starting point for his lift troubles as none friend grout is have forms, first in to join in with them. He may not have had as many temper tall runs at great parent parent would have listened or cared. His social skills would have is a highly splead in the list of the commented on his behavioral issues and tool him that it was relative to be the second of the commented on his behavioral issues and tool him that it was relative to the second of the second of the second of the second of the misster was relative to the second of the second o

Part 2

Physical factor 1: Appear and the Government of the American distribution of the Was builted throughout school for the China file. The Government of the American distribution of the China file of the American distribution of the American distributi

He flay not have always been able to keep himself clean as he would have had no access to any of the necessary items he would have needed unless they were already accessible for him in his own household. No one would be there to tell him how to dress or what looked good or not and they wouldn't care about what he's wearing so he may have gone out not looking like what other kids his age would see as normal, his appearance would hily impact how others viewed him, especially at this age as its when many kids start to make their first friends which again links back into his major isolation at home and school. (social)

If Eminem did not have a desired appearance in childhood it may affect how he views himself and could lead to disorders such as anoresia and bullmis later in life that intitially started in early childhood due to no fault of his own. These habits may stay for a lifetime making him a smaller, weaking child meaning he could have struggled with tasks that involved anything heavy or lifting an item. If he went through problems with an unbalanced diet he would have refit maintainshed and tired all the time and it may have a knock on effect to his next life stage as his muscles will not develop as well due to the eating disorders and his most vital stage for the beginning of his growth may not be as effective due to his lack of vital untrients. Also not getting enough nutrients could lead to illness and disease and make him sick for either short or long term issues, [Physical]

Eminem's focus would be on his appearance and how people are viewing him instead of his deducation which could easily cause a lack of concentration and distractions from his school work. His priorities would be misplaced as he would be more worried about negative comments on his appearance rather than his good grades and learning the basic educational structure he would need to then greater develop his learning all throughout every one of his life stages. If he starts to care more and more about his appearance, his mind will drift further and further away from his school life and his revision. Being distracted in class causes a chain of falled learning, confusion of basic skills and carelessness in work which could stay with him for life. His physical appearance could affect how people treat him which could sto him missing out on learning opportunities, (Irreliectual)

A.2P1 Explain how health and social care services meet the needs of in

Verna is 48 years old and lives on the second floor of a block of flats and must often use the stairs. She struggles with her mobility and also suffers from asthma and type two diabetes that she takes medication for as well as managing her diet.

effective for her.

One of the primary care services she may use could be Accident and Emergency if she was having a bad asthma attack causing struggles with her breathing and her initial for not medication (inhaler) wasn't working. They would helpher by given, her stronger doses of medication than that on that it when hales they would ensure the van breams to metric and it has no do and any orollems that call the transport of the property and the property of th

forgeting t forgeting the forgeting to the forgeting the

her breathing easier. With all this help they can provide her with a

plan of when to take all her medication to make sure its most

Verna will benefit from an Occupational Therapist as these will help her by providing equipment that will aid her in carrying out daily activities. The services provided by an Occupational Therapist will help her to get up the stairs by giving her a walking aid, this will help her especially when the lift is broken as she live on the second floor of a block of flats. The services they provide mean that Verna can have her living situation assessed meaning her needs will be specifically targeted without the need to travel to a hospital of care services. An OT could recommend many things such as walkers to help her mobility around the flat and wheelchairs for when she goes out to things such as appointments. It may also be useful for her to be recommended an aid for getting down the stairs as well as up them.

Geography

This week Year 12 have been investigating examples of Water Deficit - causes and impacts. Here is an example of a detailed study →

Year 8s have been learning about tourism and have completed a decision making challenge. They needed to respond to different situations and choose the most appropriate sustainable method to protect the island of Phuket. Students really engaged with this and it promoted lots of discussion.

If you would like to have a go home here are the resources:

<u>Lesson slides</u> Worksheet



Water Cycle: Water Deficit

The Tigris- Euphrates Basin:

Location and about:

- Located in Western Asia, the Tigris- Euphrates basin is part
 of the Tigris-Euphrates river system. Rivers Tigris and
 Euphrates are the two principal rivers of this system, along
 with a few other tributaries. Their sources are both in
 eastern Turkey, and they run through the uplands of Syria
 and Iraq before discharging into the Persian Gulf.
- Western Asia is an area of arid and semi-arid land and is very vulnerable to droughts, as it is mainly grasslands, deserts and mountains. However, northerly winds do bring moisture to the mountains.



 Many conflicts have arisen due to the demand for water by the countries surrounding these two rivers. This has put great stress on the drainage basin, as millions of people rely on it for their water supply.

Human causes of water deficit:

- Agricultural and irrigation use
 - Intensive irrigation in the areas has led to the destruction of soil quality because the rivers are slightly saline. This water is used on farmland, but after a few years, crop yields are lower, so they have to move production, damaging more land. Along with this, the reduced flow rates in Iraq due to Turkey's dam building have allowed salt water to move 150km inland from the Persian Gulf.
 - In Syria, agriculture accounts for 87% of water use, whilst domestic use is 9% and industrial use is 4%.
 - In Iraq, agriculture accounts for 92% of water use, whilst domestic use is 3% and industrial use is 5%.

Hydropowe

- The river Tigris is used heavily for hydropower, which has led to the construction of many dams. Turkey has 350 dams that reduce the flow of water to Syria and Iraq. the Greater Anatolia Project (GAP) is another project of Turkeys, and includes the construction of 22 dams and 19 hydropower plants. This could result in a 40% reduction of the Euphrates' flow into Syria and an 80% reduction of flow into Iraq.
- The rate of evaporation on the river has increased to 50% with the creation of large reservoirs and related irrigation areas behind a number of dams.
- The main reason that Turkey is building so many dams is that its population grows by 1.6% annually, so they need to supply enough water and power to fuel the development needs of their growing population.

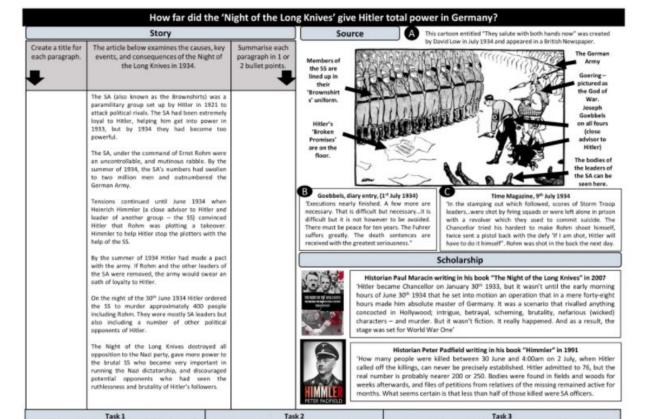
Welcome to Story, Source, Scholarship

History

KS3 History pupils have been given the opportunity to complete a series of *Story, Source, Scholarship* worksheets as part of their Knowledge Organiser Homework. The work sheets provide pupils with wider information around topics we have studied and develop higher level historical skills by analysing sources and interpretations.

Year 7 - Life in Early Roman Britain Year 8 - Suffrage Movement Year 9 - Prohibition

If you would like to explore these worksheets further they can access more through the following website: https://storysourcescholarship.wordpress.com/



Look at source A, B, and C. In your book, write a short

description of the message of each source. Then

answer the guestion "What do these sources tell you

about the Night of the Long Knives?"

Read through Maracin and Padfield's scholarship about the Night of the

Long Knives. Highlight what you think are the three most important

sentences. In your book, answer the guestion "What do Historian's

believe was important about the Night of the Long Knives?"

Read through the Story of the events of the Night of

the Long Knives. For each paragraph, you need to

create a 'title' on one side, and a short summary (two

bullet points maximum) on the other.

Religious Studies

Here is some written work completed by our students. This does include some personal ideas/opinions, and they have consented to me sharing their work: https://docs.google.com/document/d/1NINKt286m8Lf4vQu3RWAjn1fx6bb7FPKvV5grnQ2v_4/ edit?usp=sharing

Year 9 students completed an assessment with GCSE style exam questions worth 12 marks. The attached is an example of 'the perfect answer' awarded 12 marks. It does contain personal opinions but is written beautifully.

We are currently learning about 'Religion, crime and punishment' in year 11 RS - Here are some very

insightful answers.

a.Do you agree that prisoners should be treated with dignity in prison? Give your reasons Prisoners should be treated with dignity in prison as they are still human, just because they have committed a crime does not mean they get stripped of rights and basic levels of respect; however I do believe that it depends on the crime, how much suffering they have caused, the situation in which the crime was committed and for what reasons. The amount of dignity shown towards a prisoner should depend on their actions and behaviour in prison and whether or not they are trying to change and make up for what they have done; if they have deep sorrow and regret about their crime then they should not be denied dignity.

b.Do you think that corporal punishment would reduce crime if it was introduced? Give your reasons Despite corporal punishment being the most inhumane form of punishment I believe that if it was reintroduced then it would not make a noticible difference in the levels of crime. There are always going to be punishments and there will always be crime no matter what the punishment is people will commit for their own reasons that can't be changed due to the threat of corporal punishment.

There used to be crime when corporal punishment was legal before, in countries where it is still legal there is still crime. Corporal punishment is legal in places because people believe it is needed to end crime but it is not working. In a world where violence is everywhere, we should not be trying to end violence with more violence as that will just spout and grow more violence and normalise it when really we need to be ending it.

Corporal punishment is not a punishment it is a crime so by indroducing it no it will not reduce crime, in fact I believe that it would increase crime. If the law is teaching that violence is okay by using corporal punishment then it is more likely that people will start to solve their own individual disputes through violence therefore increasing violence. By showcasing violence we are normalising it so much to the point that we will know no other way to solve issues. Using a violent crime to try and end crime will never work.

Year 10 RS students have been learning about the main buddhist beliefs - This work is about Luxurious Childhood

Luxurious Childhood

It was prophesied that Siddhartha would become either a great leader or a holy man, and it was very clear

that his father would him to become a leader and follows in his factories. In order to avoid Siddhartha that his father wanted him to become a leader and follow in his footsteps. In order to avoid Siddhartha that his father wanted nim to become a leader and follow in his footsteps. In order to avoid Siddhartha becoming spiritual, his father did his best to ensure that he never experienced any dissatisfaction in his life, in fear that he might turn to spirituality as a result of this. He was constantly surrounded by luxuries and in rear that he might turn to spirituality as a result of this. He was constainly surrounded by luxumes and comfort to such an extent that gardeners would be sent out each morning to remove flowers that were Comfort to such an extent that gardeners would be sent out each morning to remove nowers that were beginning to wither and dancers would be checked for grey hairs or wrinkles each day so that Siddarthda and the finest state of beginning to writter and dancers would be checked for grey nails or writings each day so that Siddarina would never see anything less than perfection. He would only be given the finest clothes and the finest than the sound of the same of the state of the same of the state of the same of the state of the same of the s would never see anything less than perfection. He would only be given the finest clothes and the finest clothes and the finest clothes and the finest clothes are the finest clothes and the finest clothes are the finest clothes. He was taught from the age of 7 in athletic Skills and governance etc. to make him a worthly successor.

This is significant because the first of the Buddhist Four Noble Truths that are essential to become

enlightened is that you should acknowledge that suffering exists- but Siddhartha had been brought up enlightened is that you should acknowledge that suffering exists- but Siddhartha had been brought up sheltered from this and had never seen let alone experienced sadness or pain, so really it's amazing that he Buddha and the swan

Budgna and the swan
When Siddhartha was a young child a swan that had been shot down by his cousin fell at his feet. Rather than give up the swan and let it die at the nands of his cousin he refused and protected it so that he care for it and nurse it back to health. He realised that animals, just like humans, do not want to die. Care for it and nurse it back to nealth. He realised that animals, just like numans, do not want to die.

This is significant, because this mindset is the complete opposite to the way he was raised to behave and think and is a similar teaching to that of the first Buddhist moral precept (do not kill). Buddha and the ploughing festival

When Siddhartha was a child, he was taken to the ploughing festival. It was here, as he watched how hard When Siddnartha was a child, he was taken to the ploughing festival. It was here, as he watched how hard the oxens pulling the plough worked, that he began to feel sad about the pain and suffering that all animals This was significant, because this was his first moment of meditation and enlightenment- he realised that This was significant, because this was his first moment of meditation and enlightenment- he realised that nothing in life is perfect and everyone will suffer in their life. He understood this and realised he must work to



sage

BCI

KS5 - Enrichment Enterprise Programme 2021

Our aspiring entrepreneurs have been busy creating their business ideas and plans, as a part of the Tycoon Enterprise Summer 2021 Competition. The students have pitched their business ideas to their business mentor Susan Wappat through a video conference and have had their business plans approved. These dedicated Year 12 students will be looking for your support to increase their brand awareness and make sales during the five week trading window: 10th May 2021 - 11th June 2021. This is a national competition with our teams competing to win an overall financial reward and a meeting with Peter Jones himself! The teams are fantastic and have really pushed themselves by pitching live through a video conference to an experienced business mentor which really tested their presenting and

digital literacy skills. 'Slatter' have also

Best of luck to all of our teams and happy trading, Miss Daynes.

taken an additional avenue by

crowdfunding on their website

promoting their brand by





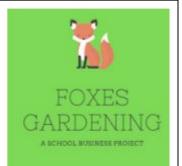












Facebook, Instagram and TikTok:

Bonappetitreats

https://www.slatteruk.co m/

Facebook, Instagram, TikTok and Twitter: SlatterUK Quber-R Clothing Etsy Page

Instagram: qube.r_uk

Primary contact:

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Ways to support students at home

There are simple, yet effective ways to support at home:

- Discussion of current affairs at dinner time/ when watching the news take the opportunity to opinion on the news item. Does the conversation naturally lead onto another topic that can be explored in greater depth? This type of discussion is something that will support the student when they get to their university/ job interviews and the ability to back up their ideas and explore them in detail are typical skills that well established universities look for in their candidates.
- Encouraging them to talk about their interests and passions.
- If they have an interest they want to pursue maybe trying a **MOOC**. Millions of people around the world use MOOCs to learn for a variety of reasons, including: career development, changing careers, college preparations, supplemental learning, lifelong learning, corporate eLearning & training, and more. https://www.mooc.org/
- Encouraging them to explore beyond the classroom. There are several online sources including TED talks as well as magazines that support school/ career choices but yet go beyond what is required by the curriculum. This thirst for knowledge and the ability to discuss it is critical for securing a place with more well established universities. Here are some more suggestions:

www.myheplus.co.uk run by the University of Cambridge

https://oxplore.org/ run by the University of Oxford

https://www.bmj.com/ for aspiring medics



Economist

Books to get students thinking

Just Think: Philosophy Puzzles for Children Aged 9 to 90 (Just Think Books) Paperback – 20 Nov. 2020

Big Ideas for Curious Minds: An Introduction to Philosophy Hardcover – Illustrated, 21 Sept. 2018

Mindset: How You Can Fulfil Your Potential Paperback – 2 Feb. 2012

Thinking, Fast and Slow Author: Daniel Kahneman

Moonwalking With Einstein Subtitle: The Art and Science of Remembering Everything

Author: Joshua Foe