

28th January 2022

OKEHAMPTON COLLEGE



Newsletter
Issue 5

Community
Opportunity
Respect
Equity

Highlights

- Spotlight on:
Science & Technology
Faculties
- Updates from Heads of
Year
- English Revision
Sessions

The Associate Principals' Message; Craig Griffiths, Rebecca Mullins

We hope that you are well, and that the new year has started positively for you and your families. The Christmas break now feels some time ago as the new term is already proving to be a busy one.

As part of our focus on the new term, a large part of our message relates to some key events and developments linked to our teaching and learning provision. Despite the demands of the pandemic, our focus must remain on the curriculum, the classroom, and how they support our students' learning confidence. This newsletter will offer its usual spotlight on two curriculum areas; specifically, Technology and Science. We will also share some highlights about how we are working to develop teacher practice which is fundamental to driving standards across the College.

New Term

Students returned to College with testing over the first three days. A year ago we may never have anticipated that this would become usual or routine. Nevertheless, students and support staff worked well together to complete this process in a business like fashion, and with minimum disruption to learning.

Thank you for ensuring that the vast majority of students returned to College in correct uniform, and

Important Dates

7-18 February - GCSE Mock Exams

21-25 February - Half Term Holiday

3 March 2022 - Year 11 Whole Year & Individual photos

...Attendance Information...English Revision...

ready to adjust to the wearing of face coverings in lessons. We understand that these increased measures presented challenges for staff and students. As with uniform, your active support in helping our students to meet expectations is invaluable since it creates one clear message from us all. Working in partnership with yourselves helps to establish good starts to each day and every lesson, so that students are supported in getting to the core business of learning.

Of course, guidance about Covid measures has changed over the last week. We have been in discussion with the UK Health Security Agency, Devon Public Health Team, and Devon Education Department for further guidance concerning our setting. As communicated on 26th January, we have been advised that on balance it would be a sensible precaution for students and staff to continue to wear face coverings in corridors and communal areas. This is a temporary measure and we will continue to routinely review the situation with directors of public health. We will advise you as soon as there is any change to this advice.

We understand that this may be a worrying time for many, so we would stress that if students and staff wish to wear face coverings, we will continue to support them in doing so. Inevitably, there will be further shifts and changes to the measures schools must put in place. We will keep you informed. As ever, we will do everything that we can to avoid impact on students and their learning.

Curriculum focus and development

As mentioned in our December letter the term started with our training day. This presented an exciting opportunity for subject teachers from across the Dartmoor Multi Academy Trust to work together and revisit the design and delivery of the curriculum.

These opportunities to invest in the professional development of our staff have never been more important. Teachers must be fully equipped to meet the challenges resulting from the last two extraordinary

Information for Parents/Carers- Attendance

We have recently updated our attendance procedures across Dartmoor Multi-Academy Trust. The link between a child's attendance at school and improved outcomes and life chances is well documented. We want to help all children and young people to fulfil their potential and get the most out of their education.

In line with our policy and government expectations all schools have the following procedures:

If a child's attendance starts to drop the school will speak to the child/parent and discuss the reason for absence and any support needed.

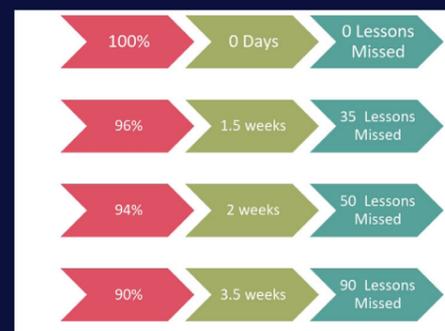
After 10 sessions of absence, you will receive a first attendance letter (there are 2 sessions in the school day, one in the morning and one in the afternoon).

After 15 sessions of absence, you will receive a second attendance letter and you will be invited to have a meeting to discuss how we can best support your child to attend school more often. You will also be offered an Early Help meeting.

If your child's attendance does not improve you will receive a third attendance letter and the Education Welfare Officer (EWO) will be informed. Of course, there will be unavoidable absences for illness or medical appointments, but we want to minimise these where possible. Pupils and families will not be penalised for legitimate non-attendance due to Covid 19.

No term time holidays will be authorised unless there are exceptional circumstances. Every day in school counts, even a small drop in attendance can lead to a child missing a significant part of their education.

Please do not hesitate to get in touch with school at any time if you have any queries around attendance expectations and procedures.



years. Curriculum design is so important since it ensures that appropriate adjustments can be made to best respond to students' learning needs.

We also want to let you know of our plans to undertake the second cycle of our subject review process. This also aims to provide teams with opportunity to share effective practice. Senior and curriculum leaders work with subject teams to visit lessons and speak with staff and students about learning. Listening to students forms a vital part of this work in helping us to identify progress made since last term, and where development work is best targeted.

The Teaching and Learning Team

We would like to share news of a further addition to our growing Teaching and Learning Team. Ms Tovey will be working alongside Dr Kelly, Mr Giles and Mr Sharpe following her successful completion of the Lead Practitioner programme of professional learning. We recently celebrated this achievement with staff as it represents a significant commitment to the development of classroom based expertise. We are excited that Ms Tovey will be making a significant contribution to whole school development by sharing her knowledge and passion for students' learning. Ms Tovey will bring news of this work to you later this term.

We hope that you enjoy reading about other events and news from across the College in this newsletter.

Best wishes

Craig Griffiths and Rebecca Mullins
Associate Principals



Confidential
Counselling for
Young people

Tor Support
Counsellors for Young People
www.torsupportservices.org.uk

01837 53668
07886 444263

**QUALIFIED COUNSELLORS – NEEDED AS VOLUNTEERS AT
TOR SUPPORT SERVICES - Okehampton based Charity**
REG CHARITY 1163407

- Are you a qualified Counsellor who would consider volunteering with a long established, amazing local Okehampton charity for a few hours per week? We have been helping children and young people in the Okehampton area for over 10 years by providing free professional and confidential counselling (age ranges 5 – 25)
- Tor Support already has a gang of wonderful volunteers but have a need for more to help in supporting children and young people in our community.
- After many months living with the pandemic, anxiety levels in our young people have grown and we now have unprecedented numbers of those who are waiting to see one of our counsellors.
- We're based next door to Okehampton College and can offer -
 1. A safe place to work
 2. Any legally required training
 3. Guidance around our internal policies and procedures
 4. Mileage/travel expenses

For further information or for an informal chat about the opportunity, please contact Nicola Frost, Office Manager office@torsupportservices.org.uk or phone 01837 53668

Closing date 18th February 2022

Tor Support Services, Community Centre, Okehampton College, Mill Road, Okehampton, Devon. EX20 1PW

Registered Charity Number 1163407

Year 11 English Revision Sessions

The English department are very pleased to offer the following weekly revision sessions.

These are open to everyone in Year 11, regardless of who your English teacher is. They offer intensive practise, which will be invaluable both for your next mock cycle and your final exams in the summer.

The timetable is as follows:

- English Language Paper 1 - Monday lunch with Ms Tranter in 603
- Media Coursework Catch Up - Every Tuesday after school with Mr Carnell in 614
- Literature Revision - Every Tuesday after school with Miss Hawkins in 609
- Literature exam practice and modelling of how to approach exam questions - Wednesday lunch Week B with Mrs Tovey in 615
- Targeted Grade 6 and above English (Lit/Lang) - Wednesday lunch Week B with Mrs Gresswell in Treetops
- English Language Paper 2 - Thursday after school Week A with Mr Sharpe in 618
- English Language Paper 1 - Thursday after school Week B with Mrs Richards in 602
- English Language Paper 2 - Friday lunch with Mrs Atkinson-Sporle in 602

News from the Art Faculty



Articulation in Art

Last term, Year 12 Art students were busy partaking in lots of workshop style lessons to build up their skills and Art portfolio.

They took part in a Zoom meeting with the Articulation Team to help them develop their ideas for their presentation. The Articulation prize is a national competition for 16–19 Year olds to develop their public speaking skills. The students must select a piece of Artwork/s to analyse and present it for 10 minutes to an audience. If they succeed in the regional heats held in February, they will progress to the national finals held in March, in London.

They have explored the ancient technique of Gyotaku printing, with a kind donation from S&J fisheries of a variety of fish frames, the class were able to make direct prints from the fish onto large scale paper. If you would like to see them in the flesh, they are on display at the back of the room in 302.

They have also been working closely with the Science department in a cross curricular bacterial cell art project. The students have been exploring using indicators, alkalis, and acids with agar to create colourful patterns. Thank you, to the Science Technician Lisa Alaverz, who has helped us with this project.



Students Compete in NSEA Event

Thank you from the British Heart Foundation



Well done to the Okehampton College Students who competed at the National Schools Equestrian Association arena eventing competition recently.

Individual places went to Ellie Garrett (5th in the 70) and Casey Plaskett (8th in the 80 and 10th in the 90).

Our 80 team of Ellie Garrett, Imogen Gingell, Freya Jones and Lydia Arscott all put in great performances to get 3rd best team.

Well done everyone who took part and represented our school against schools from across the South West.




British Heart Foundation
Compton House
2300 The Crescent
Birmingham Business Park
Birmingham
B37 7YE
Tel: 0300 330 3322
email: heretohelp@bhf.org.uk

Okehampton College
Mill Road
Okehampton
EX20 1PW

12 January 2022
Ref: 8-10105344

Dear Supporter

I'm writing to say thank you so much for the recent gift of £2,414.78 to the British Heart Foundation.

With people like you at our side, we are taking huge steps towards healthier hearts, and keeping people with their loved ones for longer. Put simply, without your generosity we just could not sustain our life-saving work.

I'm proud to say that the money you give helps us to support pioneering research and deliver life-saving care to the people who need it most. Your kindness gives us hope for a future without heart disease – and the confidence that we can be there for those whose lives are affected by it now.

If you'd ever like to change the way we contact you, please call our Customer Care team on 0300 330 3322 or email us at heretohelp@bhf.org.uk. And remember, we're here for you too. So if you have any questions about heart health, or if you need support and advice, just call our Heart Helpline on 0300 330 3311. Both lines are open from 9am to 5pm, Monday to Friday.

Thank you once again for supporting us in the fight for every heartbeat.

Yours sincerely,

Amanda Pullen
Head of Customer Service

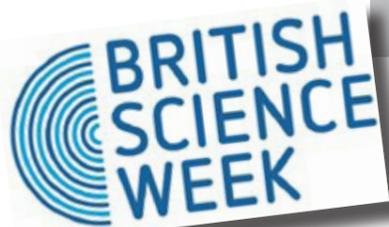
17 JAN 2022

bhf.org.uk

Chief Executive: Dr Chamaika Gillies
A company limited by guarantee. Registered in England and Wales 69950. Head and Registered Office at 300 Homestead Road, London NW1 7AW. Telephone 020 7554 0000. The British Heart Foundation is a registered charity in England and Wales (220197) and in Scotland (SC209420).

The Sponsored walk in September raised a whopping £7,244.33! This was split between our chosen three charities: The British Heart Foundation, Devon Air Ambulance and the Malala Fund UK. We could not have done this without you!





The theme for this year's British Science Week is "Growth", which is a fitting theme for what has been a very turbulent time for all of us. During the week we will be exploring what growth means to each of us... Whether that's exploring plant growth or discussing the impacts of economic growth on our society, or even thinking about your own personal growth over the last twelve months. There will be a range of activities planned in your Science lessons in which we will explore the theme "Growth".

The poster competition is back!

This competition is open to all students in years 7 – 9 and is a chance to show what "Growth" means to you... Your poster could explore a tadpole's journey into a fully grown adult frog or look at the ways population growth is affecting the planet. Have you overcome a challenge that you thought you could not do! How has it helped you become stronger, braver, kinder, or more accomplished? Can you think of people who have helped or inspired them to grow? Perhaps you could create a portrait of them to show this?

You can make a poster about any version of "Growth" that you like and be in with the chance of winning an array of prizes! Follow the link for some inspiration from last year's winners.

<https://www.britishtimeeweek.org/plan-your-activities/poster-competition/>

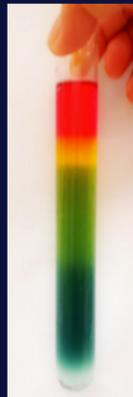
The deadline for entering the competition is 5pm on 15 April 2022. The link to submit your entry and details on the prizes on offer will be available soon.

...Science Faculty...



Science Club

Science Club meets every WEEK A Tuesday Lunch time in 410. Last term the club was well attended, and different students come to a selection of clubs with friends or on their own. We welcome more students this term. Please come to a session and see if you enjoy it! Each session there is a fun, hands on practical to get involved with and practical's that you don't often get to see in science lessons!



Where can science take you...?

Kitchen Chemist to Multi-Millionaire:

How Jo Malone Used Chemistry to Create Her Fragrance Empire

Jo Malone was born in 1963, and grew up in a council house in Bexleyheath, South East London. She had severe dyslexia and left school aged 13 to care for her mother, who suffered a stroke.

She began developing fragrances in her kitchen using separation techniques such as distillation. Distillation involves heating materials containing fragrant chemicals to a vapour and condensing them into a liquid that is then collected. Year 9 students will be exploring this technique in detail this term whilst Year 10 will be considering the changes in state involved in this process.



Jo designed her fragrances with volatile top notes (citrus or aromatic scents) which vaporise quickly, heart notes (floral scents) which are less volatile and vaporise more slowly and base notes (woody scents) which remain for long periods. In doing so her fragrances are a journey of multiple scents which we experience differently at different times of the day. Year 10's exploration of bonding this term will help them to understand the science behind this journey.



Jo sold her company in 1999 to Estée Lauder for "undisclosed millions". In 2011 she started a new fragrance company, Jo Loves. In 2008, she received an MBE, then in 2018 a CBE her net worth is unknown but is believed to be several million pounds.

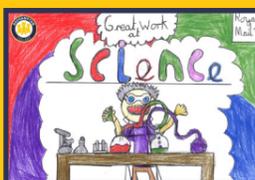
Praise Postcards



Each year we ask our KS3 students to design Science praise postcards for the academic year. As usual we had a huge number of entries and the creativity and imagination of our students was utterly amazing. After a lengthy judging process, we managed to selected our six favourite designs, which have been turned into praise post cards. We will be sending these out over the course of the year for exceptional work in science... so do you best in every lesson and you could be getting one of these in the post!

Thank you to every single student who entered this competition. Our winners are: Eleanor Pearce, Edie Dalton, John Battershall-Reid, Livvy Tawse, Lacey Purvis, Mabel Grayling.

Well done to you all.



...Your Head of Year Team...

A WORD
FROM:

Mrs Wheeleker

Head of

Year 7

Christmas and New Year celebrations seem a distant memory now we are firmly into the new school term and 2022 is flying by. I do hope you all had a wonderful time and spent time with your family and friends. The New Year brings the promise of new adventures and challenges which Year 7 have been excelling at perfectly illustrated below from Mr Fox about his amazing tutor group:

“As a tutor I wanted to champion my tutees for the fantastic start to Year 7 they have made and share with you some of the impressive things they are getting up to in and out of College.

Harvey, Olivia, Charlie and Ryan take part in a variety of music clubs and lessons in school including singing, drumming, guitar, piano and playing the tenner horn (Olivia).

Connor P, Adam F, Bertie and Arthur took part at the weekend in the Devon cross country championships, with 2 of them qualifying for the next round in Birmingham for the South of England competition.

Abigail G took part in the Devon regional qualifying swimming gala, taking part in the 50 & 200m breaststroke.

Connor, Luca M and Arthur are competing for the Year 7 football team in a match against Torquay and Leo G plays for the local Okehampton Argyll.

Annaliese, Bethany and Charlie all take part in weekly gymnastics and dance clubs and are working towards competitions and exams.

Cayden K has taken part in every club possible, attending on Tuesday and Wednesday at lunchtime and after school! I don't think there is a Year 7 who has committed more time to extra curricular clubs- from cross country to rugby, basketball and cricket. Well done, Cayden!

Both boys and girls have been playing rugby, with Ryan P playing for North Tawton, Arthur H playing for Oke, and Abi and Isla training with the girls school rugby team.

Orla, Natalie, Evie, and Jack take part in horse riding after school and compete in show-jumping events.

Olivia is involved in a lifesaving group at the swimming pool- practicing rescuing people in rivers and cold water situations. She will compete in competitions at upcoming events.

Ryan, Evie, Natalie, and Olivia all help out on their parents farms with Ryan helping out with silaging, drilling, lambing, ploughing, harvesting and driving the tractor in North Tawton.

What an amazingly talented bunch they are, and they are matching their talent with the hard work necessary to improve and enjoy their various activities. Monday mornings in tutor time are always a great occasion of praising students for the achievement points they have received during the week, and hearing about how they have lived life to the full at the weekend. Keep up the great work Year 7.”

What an amazing group! Thank you, Mr Fox, who is himself a seasoned marathon runner and Ten Tors enthusiast. If you feel inspired to try a new sport or activity then speak to your tutor, PE teacher or me.

Christmas seems far behind us; the evenings are gradually getting lighter and there's a distinct whiff of Spring in the air. I am still holding out for some snow – it's the thing I want most in the world in the winter.

I wanted to use this newsletter article to champion Year 8, so I asked tutors to find out what sort of things students got up to in their spare time. I was overwhelmed and there are far too many names to mention, but it seems that there are dancers, footballers, gamers, and Army cadets among the cohort who go the extra mile for the community by helping at Poppy days and other fundraising events. It really heartens me that there is a sense of pride in my year group and that the spirit of helping others is very much alive and kicking.

Indeed, there are two students – Abigail Smith and Eleanor Pearce – who have been selected to attend the World Scout Jamboree. It was a rigorous process that involved a three-day selection camp. Both girls are off to South Korea in 2023! Abigail is quite the fundraiser too – to date, she's raised £4.5K. Eleanor is also a hot-shot – she's representing Arron College in the British National Shooting Championships. Molly Dunt has been climbing for cancer, which meant she had to complete 100 climbs in one day. I can barely get up the stairs!

There is so much good stuff happening in our year and across the College and is something we must not lose sight of. If you feel inspired to try something new, speak to your tutor or me and we can point you in the direction of a whole variety of exciting extra-curricular activities.

Happy New Year. I hope that it was a restful break over the holidays and that you have returned raring to go. This is an exciting term for you Year 9, as you will start to think about your GCSE options, which will spark discussions about your future education and careers.

I want to highlight some of our Heroes of the last Half Term:

From Mr Collins' tutor: Alice Oldland, Jo Bales and Lilianna Fewkes, who always gives maximum effort in every subject, have amassed countless achievement points and have involved themselves within our extra-curricular offering. They have also helped new pupils within the form by showing them around and making friends with them.

From Mrs Samuels' tutor: Liv Walker – always so kind and helpful with all students but especially the new students in our tutor. She also participates in many extra-curricular clubs at school and Air Cadets, where she is doing both Ten Tors and DofE.

Mischa Burcombe -Is a regular at Creative Writing club and is fantastic at sharing her ideas and encouraging others.

Ethan Peacock - always polite and respectful during tutor time, offering his help whenever needed.

From Mr Abbey Pobee's tutor: Reuben Hutchinson, who has always shown keen interest in leading the tutor reading sessions and occasionally opting to give motivational messages to our Tutor group.

A WORD
FROM:

Mrs Derks

Head of

Year 8

A WORD
FROM:

Mrs Hodgson

Head of

Year 9

Year 10 & 11.....



What a fine start to the year Year 10. Collectively you have been awarded 9698 achievement points, and 3334 of those points have been awarded for your Outstanding or Excellent Classwork and approach to your learning. Keep building your knowledge and skills as you power on through this term with determination, humility, and kindness.

I have now awarded 61 Bronze badges across the year and top of the tutor group leader board the most badges are now JWW. Well done Miss Wilde and everyone in JWW, 13 badges. This is followed very closely by Mrs Proudfoot-Smith and RPS with 12 badges!

Year 10 tutors and tutor groups worked together to collate kindness boxes of gifts, food and essential items that were donated to local families and individuals that needed a little extra help over the Christmas period. Thank you to the tutors, families and everyone in Year 10 that supported the project, we have received some heart-warming feedback from the recipients, and you should feel proud that your small part made a huge difference to many.

This term we will be looking at Work Experience preparation in more detail. Each tutor group has timetabled tutor sessions which will guide and support you through the process. Congratulations to the 27 of you that have already secured your work placement, I am very much looking forward to taking you all through this next step in your education.

I hope all students and their families had a restful and peaceful Christmas break.

2022 for Year 11 students will bring new opportunities and of course, new challenges along the way. The spring term looks to be as busy as the last, so I do hope you make the very most of this important time as this will be your final 'full term' in college.

D of E Bronze Awards. I was fortunate enough to present 12 Bronze Award certificates and badges to our Year 11 Students at the end of the autumn term. The award at Bronze level contains four sections - Volunteering, Physical Recreation, Skills, Practice & Qualifying Expeditions. Speaking from experience, both as a participant and then as a coordinator of the award scheme, I know the huge sense of achievement that completing each stage of the award brings. Many congratulations to you all. I hope other participants who are involved with the award scheme complete their awards over the coming months and that many more consider progressing on to silver level. Students who successfully gained their award are:

Alice Pearce	Ella Jones	Finlay Bower
Grace Moden	Harry Mount	Holly Hamel
Jess Illott	Liam Voaden	Millie Wilson
Morgan Holt	Shannon Thompson	Verity Williams

Cafe 21 - 'Queue Jump' Pass. I'm delighted to share that last term we reinstated the queue jump pass as a way of rewarding one tutee per tutor group for having the highest amount of achievement points within their group. Another 10 new passes were issued last week to an array of happy students! This pass will be valid for half a term, before being reissued to other deserving recipients!

Mock Exams – 7th February to 1st March. Tutor time intervention resumed last week with a focus on independent learning skills, time management and revision techniques which leads up to the mock exam assessment window. Parents/Carers should have received this information from the Exams Office recently. We would like to wish all students the best of luck, and encourage students to have a careful balance between revision, exam preparation and also taking time out for themselves.

Wishing you a successful year ahead.

A WORD FROM:

Mrs Teixeira

Head of

Year 10

A WORD FROM:

Mr Wilson

Head of

Year 11

It's a Happy New Year in the Technology Faculty

As we start the new year, it's fabulous to see students working across the Technology faculty with increasing confidence and independence.

Since returning to our specialist teaching areas, students have particularly welcomed the opportunity to develop and apply their practical skills and knowledge so they may design and make products that solve real-life problems.

It is also encouraging that many students understand the relevance of the subjects we deliver and enjoy the balance it helps provide to their curriculum.

Use these links to get ahead:

Courses and careers advice for students and parents:

[Smallpeice Trust - https://www.smallpeicetrust.org.uk/](https://www.smallpeicetrust.org.uk/)

Practical STEM Challenges:

James Dyson Foundation Challenge Cards - <https://www.jamesdysonfoundation.co.uk/resources/other-engineering-resources/challenge-cards.html>

Cambridge Consultants Weekly STEM Challenge - <https://www.cambridgeconsultants.com/stem-challenge>

Food Preparation and Nutrition Practical skills videos (only try these activities at home under supervision): Resource (eduqas.co.uk) <https://resources.eduqas.co.uk/pages/ResourceSingle.aspx?rId=1222%0D>

Design a Pudding for the Queen's Platinum Jubilee Competition: <https://www.fortnumandmason.com/platinum-pudding>

Design and Technology Resources: The Technology Student - <https://www.technologystudent.com/>

Quotes from Year 9:

"I think Technology is very important because it teaches us key life skills e.g. Food teaches us how to cook. I'm happy we are back doing practical work because I think it is a good experience for everyone"

"I think Technology lessons are important as they improve skills such as problem solving and sometimes teamwork. They also teach you helpful things you could do in life-like, resistant materials, catering, graphics etc. Returning to practical lessons is good as we get to produce and make things again not just theory and reading and writing."

"It's better than in the classrooms because you can do practical work again. I like practical more than theory because if I take the subject, I know more about it."

Did you know?

Our faculty is well resourced and offers Design and Technology, Engineering, Engineering Design, Food Preparation and Nutrition and Catering courses at KS4 leading to Product Design and Food Science and Nutrition at A-level. Many are surprised at how much the subject has changed over the years and how highly such subjects are valued:

What is D&T – and why do we need it? - <https://www.youtube.com/watch?v=4ILSEDVSAp4dt-what-is-dt-update-2019.pdf>

<https://www.data.org.uk/media/3090/dt-what-is-dt-update-2019.pdf>

[mapping-out-careers-poster19.pdf\(https://www.data.org.uk/media/3091/mapping-out-careers-poster19.pdf\)](https://www.data.org.uk/media/3091/mapping-out-careers-poster19.pdf)

...Technology Faculty...

New and Emerging Technologies by Mr Ashby



"As a Teacher of Design & Technology and Product Design I am always looking for new and exciting topics to share with - and inspire student - across the whole range of Year groups that I teach, from Seven through to Thirteen.

Last term, I shared with the 'A' Level Product Design students the fascinating subject of **New and Emerging Technologies**. One manufacturing technology within this area is the use of the **3D printer**.

This technology is now supporting the development of a vast range of existing products such as smart phones, electrical products, houses and cars - Prototypes can be created, trialled and tested as realistic models, prior to large scale production.

It is possible to **3D printing** using a wide range of materials, including plastics, metals, ceramics, and even various forms of food!



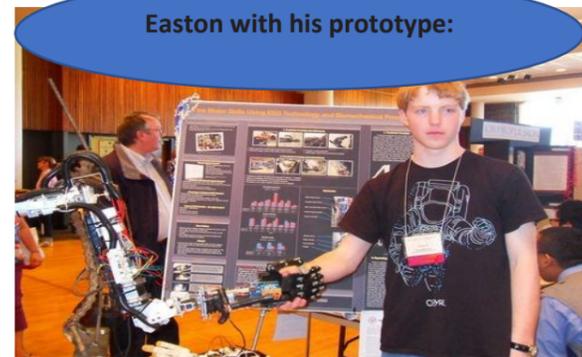
3D printed designs:



A case study within 'A' Level Product Design is an inspiring young American entrepreneur called Easton LaChappelle, who at the age of 14 made a prototype of a mechanical hand built from Lego, fishing wire and surgical tubing. He then continued to improve his design with **3D printed** parts. Eventually, he turned his project from a hand to an arm using motors and fishing line.

At this time and at a science fair, he met the parents of a 7-year-old girl whose prosthetic arm costed \$80, 000 to buy, which would need to be replaced when she outgrew it. The arm that he had built cost him \$200 to make – This inspired him to turn his prototype into an accessible and affordable technology for everyone, so set up his own robotics company at the age of 17! He continues to use **3D scanning and printing** to create and manufacture his affordable prosthetic technology designs today.

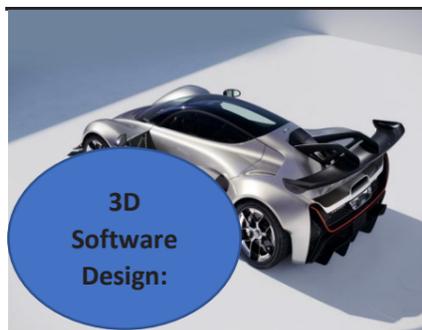
Easton with his prototype:



3D manufactured robotic arm:



During the recent Christmas break I caught up with a good friend of mine, who I have known since we studied Automotive Engineering at University. He is currently working as Head of Powertrain for a Los Angeles based company who are developing the first 'Super Car' to be manufactured via the process of **3D printing**!



3D Software Design:

Currently, students at Okehampton College are introduced to the topic of **3D Computer Aided Design** at the beginning of Year Twelve in 'A' Level Product Design, having previously studied Design & Technology or Engineering at GCSE level.

Several of the Year Thirteen Product Design students aspire to entering careers in Aerospace and Design Engineering and the Automotive industry, all of which will incorporate the use of **3D design and printing technologies**.

On our return last week, I shared this concept with our 'A' Level Product Design students who were all inspired by this example of cutting-edge technology.



Prototype of the "Super Car" in development:

3D design is available for everyone to try!

[Student & Education Software | Autodesk Education Community](#)

As you can see, these new and emerging **3D design and printing** technologies are not only innovative and exciting, but they ultimately will also impact on all our everyday lives - From the houses we live in, the buildings we work in, the vehicles we drive, electrical products we use, the industries that support us and even the food that we eat!

Auto-Desk INVENTOR 3D design is a **3D Computer Aided Design** package that is available and free for all students of all year groups to download and learn, through exciting and fun step-by-step tutorials which can be accessed via the link here.

Whichever career path you have in mind for your future, **3D Design technology** will be part of it!

What could you design that is inspiring, innovative and exciting?"

James Dyson, describes:

"Design and technology is a phenomenally important subject. Logical, creative, and practical, it's the only opportunity students have to apply what they learn in maths and science - directly preparing them for a career in engineering. Policy-makers must recognise design and technology's significance for the UK economy and strive not just to preserve it – but to ensure it appeals to the brightest of young minds."





Train to Teach with the Dartmoor Teacher Training Partnership

Dartmoor Multi Academy Trust is pleased to lead the Dartmoor Teacher Training Partnership. Working in collaboration with both the University of Exeter and Plymouth Marjon University, we have many years of experience of offering high-quality primary and secondary education training routes. With our routes you can train while you teach to earn your PGCE and Qualified Teacher Status (QTS). Our programmes are aimed at nurturing the teachers of tomorrow and the leaders of the future. Whether you are a new graduate or you are considering a career change, our teacher training will equip you with the skills, knowledge, and knowhow to be an excellent teacher.

Primary

Our primary routes into teaching are led by Okehampton Primary School. In addition to the 13 other primary schools within our Trust, we work in partnership with a range of other primary schools within Devon and the wider area.

For 2022-23 we will be offering two school direct routes into teaching. Our 5-11 primary specialism route covers all primary phases whilst the 3-7 primary route allows trainees to gain experience in early years and KS1 teaching. Both routes are delivered in partnership with the University of Exeter as part of the PGCE distance learning programme.

We are opening our school doors to those interested in training to teach. Our school experience sessions include a tour of school, visits to lessons, opportunity to discuss our training programme with current trainees and Q and A session with programme leaders. Please email Sally Huxen, SHuxen@dmatschools.org.uk if you are interested in attending a school experience session.

Secondary

Our secondary routes into teaching are led by Tavistock College. In addition to the 2 other secondary schools within our Trust, we work in partnership with a range of other schools within Devon and the wider area.

For 2022-23 we will be offering school direct routes into teaching in the following subjects: Maths, English, Biology, Chemistry, Physics, Geography, Computing, Art & design, PE, and Modern Foreign Languages.

We are opening our school doors to those interested in training to teach. Our school experience sessions include a tour of school, visits to lessons, opportunity to discuss our training programme with current trainees and Q and A session with programme leaders. Please email Phil Ruse, PRuse@dmatschools.org.uk if you are interested in attending a school experience session.

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CHIEF FINANCE & OPERATIONS OFFICER | Susanne Kiff



"To provide the highest possible quality of education for all local children, in order to ensure pupils from all backgrounds are able to succeed."



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