

THE EGG

October 2023

HEAD TEACHER WELCOME

Welcome to the October edition of The Egg and what is the end of a long half term.

Our social media platforms are full of a wide range of activities that have taken place over the last half term. We have had students pitching business ideas, Dragon's Den style, sixth formers being trained to be Mental Health Peer educators and even a visit from the King's representative, the Vice Lord Lieutenant of Durham, Michael Poole and The Mayor and Mayoress of Stockton. It certainly proves that no two days are ever the same at Eggescliffe.

Lesson visits from senior staff this half term have highlighted that our students are highly engaged in their learning and some of our enrichment clubs are literally standing room only, illustrating that our students are embracing the opportunities that are on offer.

Whilst we may not have been blessed with good weather the last few weeks, we have much to celebrate at Eggescliffe after a fantastic first half term. A special mention must go to our Year 11 students who have just completed their first set of mock exams for the academic year; they certainly deserve a rest over the half term break.

As you will be aware we start back at school on Monday 6th November when we will commence with the school wide use of Class Charts. If you have yet to log on as a parent/carer, please check your e-mails for your account details. We will also be moving to Arbor Pay for all payments including lunches. A ParentMail has been sent out outlining how this transfer will work.

We fully appreciate that this is quite a lot of change for parents/carers so please do let us know if we can support you in any way. We are confident that once we have moved across to these new platforms, parents/carers will be able to access more information on their child than they currently receive.

May I take this opportunity to wish our students and their families a relaxing and enjoyable half term break.

Mrs Oyston

DATES FOR YOUR DIARY

27 th October	End of half term
6 th November	Start of term 8.45am
6 th November	Launch of Class Charts (Parentmail will cease to be used from this date)
7 th November	Year 7 Autumn term settling in information sent home
13 th November	Year 9 Autumn term academic assessments sent home
18 th November	Year 13 subject teacher evening 3.30pm-7.00pm
22 nd November	Year 11 Autumn term academic assessments sent home
23 rd November	Sixth form open evening 6-8pm
25 th November	Christmas Market 6-8pm

Save the date!
Saturday 25 November 2023
12 noon - 3pm

Christmas Market

Email eggescliffe.pta@gmail.com for more information or to enquire about having a stall

AMAZING STUDENTS DOING AMAZING THINGS

EGGLESCLIFFE POET LAUREATE COMPETITION

Congratulations to Yesha M (Y7) who won our Poet Laureate competition! We were so impressed with the number of excellent entries linked to this year's National Poetry Day theme of "Refuge". Well done to everyone who participated! The winner has been presented with a badge and certificate and she will take on the role of Eggescliffe School Poet Laureate for this academic year, writing poems to be shared across our school community for key events in the calendar. Yesha, along with the winners from our other two Trust secondary schools, has now been put forward for the VALT Poet Laureate award and the overall competition winner will be announced later this week!



EDUCAKE LAUNCHED IN SCIENCE

At the time of writing we have answered just under 67,000 questions as a school since we launched this 4 weeks ago which is fantastic.

Year 11 are currently leading the way having answered 23,366 questions as a year group.

A special mention to Ruqayya A (Y9) and Lucy R (Y9) who have each answered over 800 questions with an accuracy of at least 83%.

Keep up the hard work everyone. The target is 200,000 by Christmas!



WANT TO JOIN OUR AMAZING TEAM?

Examination Officer

- *Required from January 2024*
- *Term time only + 10 days, permanent.*
- *Scale 1*
- *Closing date for application: 8th November 9am*

For more information visit:

www.egglescliffe.org.uk/join-our-team/

Eggescliffe is an equal opportunities employer, committed to safeguarding and promoting the welfare of children.

Enhanced DBS will be required

AMAZING STUDENTS DOING AMAZING THINGS



STEM SUCCESS!

F1 IN SCHOOLS The F1 in Schools competition is a global opportunity for students to showcase their abilities in the use of CAD (computer aided design) software to design, manufacture and race a miniature Formula 1 Car. Using Fusion 360 and supported by experts from Cummins Engineering, students have learned the principles of aerodynamics and forces in order to design a car which, propelled via a CO2 gas canister, will

out-perform any other competing car in the region finals at Newcastle University in November. We have two teams of students who are busy creating pit displays, engineering and enterprise portfolios, producing a verbal presentation and using the school's CNC Milling Machine to produce the main body of their car, and to 3D print the nose/front wing and rear wing assemblies.

WIND TECHNOLOGY PROJECT In association with RWE and Durham University, students are involved in a project which exposes them to the potential career within the expanding wind technology sector, currently thriving in the North East and Humberside. Students have already attended an insightful lecture from

Professor Ingram at Durham University, where they also visited the testing laboratory facility on site. They have also been given a talk on the environmental impact of wind turbines via a TEAMS call with Gemma, a PhD student from the university. The next stages will involve the students understanding the design principles, the materials used in manufacture, the equipment used inside the turbine structures and the means of maintenance. Students will also understand the grid integration, how the electricity is taken from the huge wind turbines from one of the world's largest wind farms off Dogger Bank in the North Sea, and then transferred throughout the country via the national grid. The project will culminate in representatives from RWE coming into school and running 'SuperGrid', an interactive and engaging challenge for students to take their theoretical knowledge and apply it in a practical context, competing against each other to produce the most cost effective, yet electricity generating turbine. At the end of the project, students will be far better placed to make an effective decision on whether a career within the renewable sector is a viable option for them



GREENPOWER F24 Twelve students have begun to engineer our three Greenpower F24 racing cars. The cars themselves are battery powered from two 12v lead/acid batteries. The challenge is using three separate drivers to see which car can travel the furthest on one charge of the batteries over a 90 minute session. This requires the students to not only think critically, but also creatively. It then requires the students to carry out engineering modifications to the cars in order to determine whether their suggestions have had a positive impact. Students will look at weight minimisation, aerodynamic principles, cooling systems on the motor, energy recovery and friction reduction. The students will be examining materials for the cars body kits, the driving positions and driving aids, factoring in tyre decisions and gearing. This



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project requires students to call upon their technical and intellectual skills in an attempt to become the best team at Croft Racing Circuit in June, with the ultimate aim of reaching the International Finals again, likely to be held at either Goodwood or Silverstone next year.

ROBOTICS Supported by Worley Chemicals, Richard Forster and Labman, the Robotics club has gone from strength to strength. We have a number of students right across the age spectrum involved in a variety of robotics projects in a range of different programming languages.

The year 7s are involved in the Lego Spike competition; this year the competition is called 'Masterpiece'. The students will be coding their robot in the native Spike software, using a combination of block coding and python. They complete a number of pre-agreed challenges with their robot in order to gain maximum points. Their competition will be held at Nissan in Sunderland against 50 other North East schools.



The year 8s are involved in Vex IQ; this is a huge step up in class from the Lego Spike which they took part in last year. Vex IQ requires the students to not only aim to be the best team, but be part of an 'alliance' with other schools during the competition. The students will design their robot to perform a number of tasks which will be both autonomous and then user controlled. They are currently being supported by Zac in our sixth form, a computer science student.

The year 9s have been busy building a robot arm ready to be coded and operated. This is their first attempt at coding a sophisticated robot which has 6 degrees of freedom (6DOF), enabling the robot arm to be fully articulated and allow the students to perform many more tasks than with the previous robotics items which we have.



The year 10s are building the Vex V5, ready for their challenge in Sunderland in December. The students have redesigned their robot based on the requirements of this year's challenge. They will be coding the robot using python, lifting and moving objects around the playing field with the final sequence of code requiring to have their robot suspend itself in the air by climbing the apparatus in the arena.

The year 12s are refining their design of their robot which narrowly missed out of the national finals last year. After travelling to Birmingham for the semi-finals, the students encountered a couple of issues with their robot which they have been busy rectifying. Supported by mentor Richard Forster, students are now experimenting with cameras and sensors on their robot for more advanced programming requirements.



CUMMINS PARTNERSHIP Year 8s have been invited to participate in the first of its kind partnership with American Engineering Giant Cummins Ltd. Students have applied to be part of a programme which will take 20 students on a journey like no other school. The students will all take part in an assessment centre, whereby the Engineers from Cummins will interview and then pose an engineering task to be performed as a team. The engineers are looking for leadership traits, creativity and resilience, then select the students

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who will be mentored by engineers for the next four years. Students will take part in STEM activities each term; they will have regular contact with their mentor following assessment drops; they will have tours of the engineering facility and take part in works experience there when in year 10. By the end of the four year programme, they will have a portfolio of work which they are then able to take to a college/apprenticeship/future employer as evidence of their efforts. This is a rolling programme, so by year four we will have 80 students mentored by engineers from one of the largest and most successful engineering companies in the world.

E-SPORTS Proudly supported by StackUp Digital, the Eggescliffe School E-Sports team called 'Clutch' are involved in the national F1 E-Sports competition against other colleges from around the country, in association with Williams F1 E-sports Team. The students will be required to practise each of the circuits and then take part in a practice session, three qualifying sessions and then a 50% race on a Wednesday afternoon. The events are livestreamed on the Williams F1 Youtube channel. Eggescliffe are aiming to reach the finals again, where students are invited to the Williams Technology Centre in Grove near Oxford to compete in the multi million-pound state of the art E-sports facility against the other finalists.

Shortly, there will be more E-sports teams being created to take part in the British Esports Associations Rocket League competition and also the League of Legends competition.

ENTERPRISE KS3 students have been involved in the formation of mini businesses in school. They have created detailed business plans and have pitched their ideas to members of the school PTA. The students are competing for the opportunity to be put forward by the PTA to the Tycoon in Schools competition, whereby students are able to borrow up to £1000 from Peter Jones in order to set up their school business. The remaining student businesses will be funded by the school PTA.

Students have a trading window from November half term until two weeks after Christmas to return the largest profit within the group.

The activity forces students to work collaboratively, creatively and experience great degrees of trial and error. Students will encounter branding issues, supply and manufacture issues, financial issues and employ key skills of communication and resilience throughout the trading period.

STEM HUB Thanks to a substantial donation from Cummins, Eggescliffe School Young Engineers will soon be the proud owner of a bespoke design STEM Hub, built for the students to carry out the various STEM activities. The 12m structure will house all of the equipment, be powered using solar panels and a wind turbine generating sufficient power to charge the 12v batteries for the racing cars and for the use of power tools when working on the various projects. The STEM Hub will also act as a ground station for the global network of thumbsat satellites orbiting the earth, in preparation for when our own 4 satellites are launched in the near future.



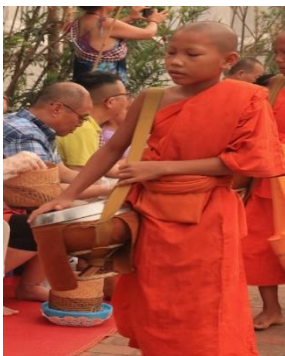
AMAZING STUDENTS DOING AMAZING THINGS

WORLD CHALLENGE EXPEDITION – THAILAND AND LAOS 2023

The day we found out that we were chosen to go on World Challenge, we were all very excited but realised that the challenge had already begun as we needed to fundraise the money for our trip and prepare our kit (and our minds) for the adventure to Thailand and Laos. There was a wide range of fundraising techniques used to gather the money together. Some of these included saving, getting a job in retail, hospitality or manual labour and car boot sales. In addition to this, we met up regularly to see how we were all getting on, learning about Thailand and Laos and what we needed to do to be ready for the adventure.

The day before travelling to Manchester airport, we had a 'build up day' where we all met with our kit and our team leader and checked we were all prepared and had what we needed; this day also gave us the opportunity to get to know what people were looking forward to and what their fears were about the trip. We considered how to support each other.

After a long 17-hour plane journey from Manchester to Singapore and Singapore to Bangkok, we spent a night in Bangkok before travelling to Luang Prabang in Laos. Luang Prabang was beautiful and very peaceful. We spent our first few days exploring and we arranged various activities for the team. For example, we were lucky enough to visit an elephant sanctuary to learn about the elephants and walk with them in the jungle. These elephants had been rescued from the tourist trade or from being overworked. We learnt the damage which could come from tourists riding them. This was very exciting as many of us had not seen an elephant in real life before! Additionally, we went swimming in the beautiful waterfalls outside of Luang Prabang. In the water there were fish that were nibbling at our feet!



Many of the team also got up at 5am to visit the temple and took part in the alms-giving, which takes place each morning. This allowed us to learn about the charitable work that the Buddhist temples do in society. We also went to the Luang Prabang night markets and saw the beautiful handmade artefacts that were for sale and ate in the food market.

We were then off to our next challenge: our community project. We loaded our bags into the minibus and travelled from Luang Prabang to a small community village about 2 hours away. There, we learnt about the effects of Covid-19 on the village school, and their need for water security for the school. Then we began our project, digging the foundations of a water tank, digging stone and mud with tools that had been put together by the manufacturers overseeing the build. Due to the heat and humidity, we took turns digging and moving sand and stones, and once they had all been moved, we took turns digging and drinking water (whilst reapplying sun cream and mosquito repellent). One day we went up to see the sight and the hole we had dug had rainwater in it so we spent the first part of our morning removing this water with buckets.



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In the mornings, we worked on the project whilst on the afternoons we spent time with the local people, taking part in cooking classes, weaving classes and showing the children of the village "traditional" English dances, including the conga! On the last day of our project, the local people put on a ritual for good luck, health and prosperity. We were given gifts of local foods and wrapped our hands in wool as a symbol of good health. We were sad to leave our new families.



After a night in Luang Prabang we travelled by boat down the Mekong River to Thailand. We crossed the border and visited both Chang Rai and Chang Mai. We visited a number of Buddhist temples and then travelled to our first campsite for the forest expedition. Whilst there, we saw another group from Oxford and spent the evening discussing our adventures so far. Then we travelled to our starting point and began the 3-night expedition through the rain forest! Whilst walking, we saw a lot of golden orb spiders sat in their webs; we carefully navigated around them and followed our guides and worked as a team so we did not walk face first into their webs which were so

difficult to see!

The warmth was our main enemy whilst hiking up the mountain, but we stopped repetitively to drink water to prevent dehydration. Our night stops were beautiful and we sat together chatting, playing cards and drawing. At the end of the trek, we were able to cool off in a waterfall and reflect on the expedition. As a team we felt proud that we had completed the trip but also relieved as we were quite tired!



After our expedition we returned to Changmai and took part in a cooking class, where we learnt to cook Thai green curry and Pad Thai. We also spent some time in Bangkok where we spent our last money in the markets and we tried spiders and many of the team bought Hawaiian dress and glasses. We had one last meal together on the roof top of our hostel and admired the views. Then it was time to set off home after our 23-day adventure together. We were sad to leave as we had got to know each other well, and we were not going to see each other every day like we had done.

The World Challenge Expedition 2023 has taught all of us a lot. It has taught us that when we work together as a team, we can complete anything. It has taught us to feel self-confident and believe in ourselves. If we can dig a deep hole in over 40-degree heat, and climb a mountain, surely, we can do anything and it allowed us to learn about different cultures. It was an amazing trip.

If anyone was offered the opportunity to go on an expedition like this, we heavily urge you to go, as it has been life changing.

By Nathan Guest on behalf of the World Challenge team 2023.

SIXTH FORM UPDATE

Y13 PROGRESSION AND SUPPORT

Good luck to all our students who have just completed their UCAS forms ahead of the early deadline for applicants to Oxbridge, Medicine and Veterinary Medicine. Also, best of luck to those who have just completed aptitude tests including BMAT, LNAT, MAT, TMUA, TSA, PAT and ENGAA.

The remaining Y13 have been told that the internal deadline for UCAS applications is Thursday 30th November to allow tutors to complete applications in advance of the January deadline.

Y12 AND Y13 PROGRESSION AND SUPPORT

We were really grateful to Yarm Medical Centre for supporting our future medics with an Open morning in which 15 students took part in discussions around applications to medical school, the interview process, and small group workstations giving them hands-on experience with patients and equipment. The students involved thoroughly enjoyed the event and were described as a credit to themselves and the school by the organisers.

BAME SOCIETY

Many thanks to the members of the BAME society for providing materials, including high quality videos and PowerPoints, which have been shared across the sixth form in registrations. The final session takes place on Wednesday 26th October.

OXBRIGHT ESSAY COMPETITION

Congratulations to Dan H in year 12, who has been shortlisted in the OxBright Essay Competition 2023. His essay 'The Energy Crisis (or How I stopped Worrying And Learned To Love Maths)' used the beauty of mathematics to present a solution to the energy crisis. The awards ceremony takes place on Saturday 28th October and we wish him the best of luck.



Would you like to make a difference to someone's life?

Volunteer to be a mentor at Egglescliffe!

What would it entail?

- Volunteer training
- 1 hour per week working one-to-one with a student
- Working on a hobby together, playing games, chatting, listening

What are some of the benefits?

- Improve students confidence, self-esteem, resilience
- Raise aspirations and help students identify future goals
- Inspire, encourage and motivate students

Want to find out more?

Email c.hughes@egglescliffe.org.uk

Watch this video to see previous successes [School Mentor Programme – YouTube](#)



[School Mentor Programme](#)

PTA CHRISTMAS MARKET

The PTA **Christmas Market** is fast approaching and will be held on **Saturday 25 November, 12 noon - 3pm**. Please put the date in the diary and invite friends or family! Thank you for the many responses of help we have received through the recent ParentMail. We have a selection of Christmas themed stalls planned for the day. There is still availability for stall holders to book a table. If you would like to find out more then please email egglescliffe.pta@gmail.com. Following half term, we will be putting out a request for raffle prizes and tombola prizes.



CAREER ART THERAPIST

OF THE MONTH →

Therapists use a range of mediums of art to help clients who may have difficulty in expressing themselves through words.

USEFUL SKILLS



- ✓ CREATIVE
- ✓ CARING
- ✓ GOOD COMMUNICATOR

RELATED INTERESTS

- ✓ ART
- ✓ HEALTHCARE
- ✓ MENTAL HEALTH



PATHWAYS



- ✓ UNIVERSITY
- ✓ APPRENTICESHIP
- ✓ A LEVELS OR COLLEGE COURSE

TYPICAL SALARY

£35,000 - £40,000
PER YEAR

ES & 6TH
FORM



hello@egglescliffe.org.uk
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Each month we will be showcasing a Career of the Month to highlight to students a wide range of careers that they may never have heard of before or even considered.

Students can access further advice on these careers, or indeed any careers, from our dedicated careers advisor, Miss K. Smith.

WHAT'S ON IN PSHE THIS HALF TERM?

Our PSHE curriculum ensures that our students are well prepared to be active citizens in modern Britain. The focus for the next half term is:

- **Year 7** – Health & Wellbeing – Peer Educator programme, body changes, alcohol, vaping
- **Year 8** – Health & Wellbeing – Strategies for wellbeing, resilience, personal hygiene, healthy living, alcohol, vaping
- **Year 9** – Staying Safe – Online safety, exploitation, gambling, knife crime, First aid
- **Year 10** – Health & wellbeing – Drugs, county lines, alcohol and smoking, wellbeing-anxiety
- **Year 11** – Relationships – Commitment, domestic abuse, unplanned pregnancies, positive choices.

PASTORAL SUPPORT, ADVICE & GUIDANCE

Information for parents/carers

- **CAFCASS** represent the interests of children and young people in the family court their website offers support resources for parents, carers, families and young people <https://www.cafcass.gov.uk/about-us>
- **Important Online Safety Advice for Parents and Professionals** - Ineqe and Safer Schools have identified concerns about a peer support app, Vent, that could be reinforcing harmful behaviour. Read more here : [Safeguarding Update – Vent - Ineqe Safeguarding Group](#). They have also been made aware of an anonymous chat website used by children and young people called Emerald Chat. This markets itself as the new Omegle, another dangerous platform that encourages users to talk to strangers, containing harmful and age inappropriate content, including highly sexual imagery and language. [Click here](#) to read the update on Emerald Chat.
- **PREVENT** - Advice for parents and carers leaflet : [Protecting your child from extremism and radicalisation](#)

KEEPING CHILDREN SAFE ONLINE

Some useful information for parents/carers relating to internet safety:

- Qustodio is a parental control tool that parents/carers can subscribe to, currently starting at £40 per year. This includes web filtering, daily time limits, games and app blocking. <https://www.qustodio.com/en/>
- Safer Internet also have further advice on how to set up filter systems on home internet for each internet provider. <https://saferinternet.org.uk/guide-and-resource/parental-controls-offered-by-your-home-internet-provider>
- Also, you can report to the Childline [Report Remove Tool](#) to remove sexual images from the internet.

EGGLESCLIFFE NEWS



The Big Ambition is a national survey of children and young people across England, to find out what they think is important!

In the lead up to the next General Election, the Children's Commissioner wants to take children's thoughts, opinions and ideas to decision-makers, to make sure that the Government hears young people's voices on what they think needs to be done to make children's lives better in England.

The Big Ambition survey will be open until **Friday 15 December**.

Click [here](#), or scan the QR code to complete the survey by Friday 15th December and make your voice heard!



DID YOU KNOW...?

Flytipping and setting bonfires on public land is....

ILLEGAL

WHAT CAN YOU DO?

REPORT

Fly tipping to your local council
01642 528439 or
civic.enforcement@stockton.gov.uk

Be a FireStopper

Deliberate fires destroy communities.

Tell us what you know
FireStoppers.
0800 169 5558
firestoppersreport.co.uk
100% anonymous. Always.

WHEELIE BIN... TAKE IT IN!

Wheelie bins can become easy targets. Keep them **secure**, put them out on day of collection and bring them back in as soon as possible.

In partnership with
Stockton-on-Tees BOROUGH COUNCIL

CLEVELAND FIRE BRIGADE

**REMEMBER
REMEMBER**

SAFETY FIRST THIS NOVEMBER

- Be Smart
- Be Safe
- Be Sensible

Don't forget fireworks are explosive and extremely dangerous so remember:

- Think don't drink – alcohol and fireworks do not mix
- Stay alert – always supervise children around fireworks
- Stand back – keep behind safety cordons
- Four-legged friends – keep pets indoor
- Follow the firework code

Follow us to keep up to date with events and safety advice.

www.clevelandfire.gov.uk

SPARKLERS BURN AT 2000°F

Glass melts at 900°F

Wood burns at 575°F

Calzone bakes at 350°F

Matches burn at 325°F

CLEVELAND FIRE BRIGADE

In partnership with
Stockton-on-Tees BOROUGH COUNCIL

CULTURE OF VIGILANCE AT EGGLESCLIFFE

CONCERNED? NEED TO TALK?

Head of House

Teaching Staff

Form Tutor

Support Staff

Safeguarding leads

Trusted Adult

ALL OF THESE PEOPLE ARE HERE TO HELP YOU

Our safeguarding team:

						
Mrs Hardy Designated Safeguarding Lead	Dr Lear Deputy Designated Safeguarding Lead	Mr Morrison Deputy Designated Safeguarding Lead	Mrs Aitchison Deputy Designated Safeguarding Lead	Mrs Hewitt Deputy Designated Safeguarding Lead	Miss Granycome Deputy Designated Safeguarding Lead	Miss Crook Deputy Designated Sixth Form Safeguarding Lead

Culture of Vigilance
Keeping Children Safe

Vision Academy Learning Trust operates a robust safeguarding policy in order to provide a safe and secure environment for all our staff, pupils and visitors.

EGGLESCLIFFE SCHOOL
AND SIXTH FORM COLLEGE

A MEMBER OF
VISION
Academy Learning Trust

ES-WNTT_Sept-2023

SAFE SPACE REPORTING

As discussed in previous assemblies and PSHE lessons, students have the opportunity to inform staff of something in a discrete manner by completing our SafeSpace report. Please see the link: [SafeSpace Reporting \(egglescliffe.org.uk\)](https://egglescliffe.org.uk)