

**AUTUMN 2023**

 @DeltaGoole

# GOOLE ACADEMY NEWSLETTER

## Foreword from the Principal

Dear Parents and Carers,

What a fantastic start to the academic year we have had here at the Academy. This first term started by celebrating the results achieved by our class of 2023. They were again, the best achieved by students from Goole Academy. 53% of our students left us with grade 5 in both Maths and English, a very long way from the 29% achieved in 2018 when we started as part of Delta Academies Trust! Our Progress 8 score placed us as the top school in East Riding. An amazing achievement for staff and students. We are all so proud of them.

You will see from the contents of this newsletter that there are many more interesting and exciting things happening. Our new Year 7 have settled in well, our Open Evening had record numbers attending and there was a huge buzz around our academy on the evening. Our doors have been open to our Year 5 and Year 6 Areté students, and it has been a pleasure to spend time with them as their projects develop.

Wishing you all a fantastic Christmas and a happy New Year.

Best wishes,

**Kirsty Holt**  
**Principal**  
**Goole Academy**



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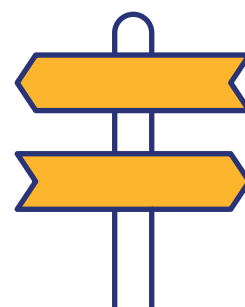






## CAREERS FAIR

A group of Year 10 students have recently attended Bishop Burton College to take part in the 'Foundations Live' careers fair. The students selected had identified in a CEIAG questionnaire that they were interested in pursuing a college course and/or career in construction/STEM. This event highlighted the range of post-16 options that are available in these fields. Students engaged with over 50 companies and training providers. The meaningful encounters our students were able to have with these companies were invaluable, and all students found the event useful in helping them explore the range of pathways available to them.



## AN ICELANDIC ADVENTURE OF A LIFETIME FOR GOOLE ACADEMY STUDENTS

In early October, 40 students from Goole Academy embarked on an unforgettable adventure to Iceland. The four-day trip was packed with exciting activities and cultural experiences.

Upon arrival, we wasted no time in hitting the ground running, visiting the Bridge between continents, a landmark that straddles the Eurasian and North American tectonic plates.

### DAY 1



The final stop of the day was Krysuvik, a surreal landscape of mud pots, fumaroles, and steaming pools.



Next, the group ventured to Gunnuhver Hot Springs, a geothermal area known for its powerful geysers and bubbling mud pools. The sulfuric fumes and otherworldly landscape provided a glimpse into Iceland's volcanic past.



After a day of exploration, the students checked into their accommodations at Hotel Ork.





## DAY 2

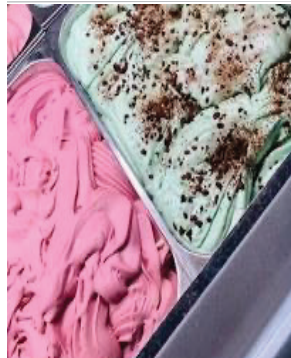


Day two commenced with a visit to the Secret Lagoon, a geothermal pool nestled in a scenic valley. The students soaked in the warm, mineral-rich waters, surrounded by Icelandic nature.



Next, the group embarked on a journey to Gulfoss, a majestic waterfall that cascades into the Hvítá River.

Afterwards was Geysir, a geothermal area famous for its erupting geysers. The students watched in fascination as Strokkur, one of the most active geysers in Iceland, shot boiling water high into the air.



After witnessing the raw power of nature, the students indulged in a delightful treat at Estfi-Dalur ice cream farm, sampling a variety of flavors made with fresh Icelandic milk.



The final destination of the day was Thingvellir National Park, a UNESCO World Heritage site that holds significant historical and geological importance. The students walked along the Mid-Atlantic Ridge, where the Eurasian and North American tectonic plates meet, and learned about the park's unique ecosystem.



After a day of exploration, the students returned to Hotel Ork, where some took advantage of the open-air geothermally heated pool to unwind under the Icelandic sky. Others chose to socialize in the games room and lounge.





## DAY 3



Day three began their day with a visit to Skogafoss, a towering waterfall that plunges into a lush green valley.



Next, they ventured to Solheimajokull, an impressive glacier that stretches down from the Mýrdalsjökull ice cap. Students learned about the power of ice and how it has shaped the land.



After marveling at the glacier, the group continued their journey to Vik, a small village known for its dramatic black sand beach. The students walked along the shoreline, admiring the stark beauty of the black sand and the crashing waves of the Atlantic Ocean.



Before returning to the hotel, the group made a detour to Seljalandsfoss, a waterfall that cascades behind a cliff face. The students ventured behind the waterfall, enjoying the unique perspective of the cascading water.

## DAY 4



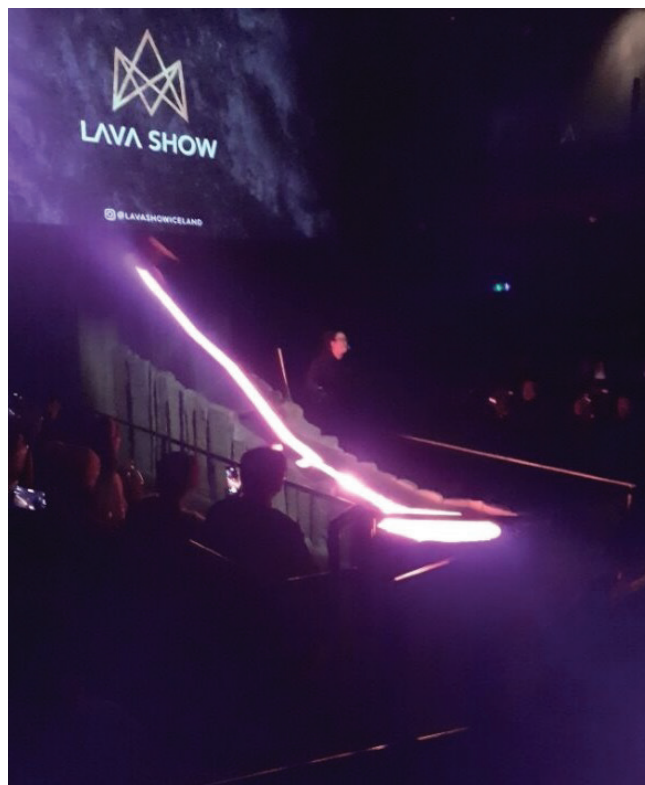
The final day dawned with a visit to Raufarholshellir Lava Tube, a natural tunnel formed by flowing lava. Students ventured into the depths of the earth, marveling at the intricate rock

formations and the unique ecosystem that thrives in this dark and mysterious environment.



Next, the group explored the Hveradalir Geothermal area, a landscape dotted with steaming vents, bubbling mud pools, and colorful algae. The journey continued to the nearby Hellisheiði Geothermal Power Plant, where students gained insights into the process of harnessing geothermal energy to produce electricity.

After a day of immersion in Iceland's geothermal wonders, the group headed to Reykjavik, the country's vibrant capital city. They explored the city's charming streets and took in the sights of landmarks like the Hallgrímskirkja cathedral, its towering spire reaching towards the sky.



The final activity of the trip was the Lava Show, a mesmerizing performance that highlighted the raw power and beauty of volcanoes. Students were captivated by the glowing lava, flowing and erupting, and the dramatic music and storytelling that accompanied the show.

With their Icelandic adventure ending, the students checked into the Hotel Cabin for a short stay before their early morning flight back home.

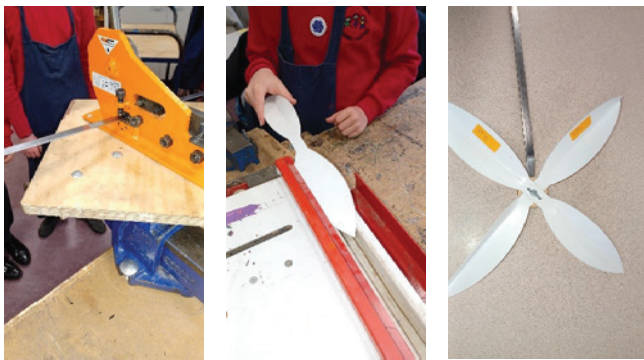


## TECHNOLOGY EVENTS

### Y5 AND Y6 ARETÉ STEM AT GOOLE ACADEMY

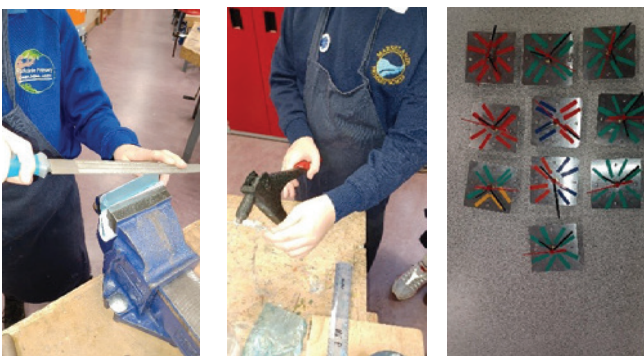
Well done to the Year 5 and Year 6 students that attended the Areté STEM day at Goole Academy.

The Year 5 students designed and manufactured a wind turbine in engineering and then tested the wind turbine performance in science. Their maths skills were then used to calculate different energy cost calculations which were completed with perfection.



The Year 6 students designed and manufactured an aluminium clock in engineering and learnt about material properties. In science, the students raced different model vehicles on a track to calculate speed, distance and time.

A police investigation was part of the maths challenge activity and emergency services response times were calculated and used as part of their recommendations.



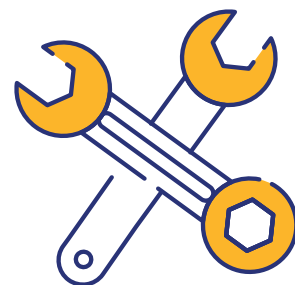
### WIME – WOMEN IN MANUFACTURING AND ENGINEERING EVENT 4TH OCTOBER

*Another Goole Academy Year 11 natural born engineer.....*

*We were pleased to hear that Year 11 Abi T, won the Ideal Boiler Strip Down Challenge at the WIME event at the Guild Hall in Hull.*

The challenge involved attendees 'stripping down' a boiler in the quickest time. Stripping down a boiler is the task that a service engineer must do when working with a product, for example, during an annual service to gain access to the heat exchanger and other internal components for inspection. This includes a number of practical steps including the use of tools to remove major parts such as the fan and burner also the mechanical fixings such as screws, nuts and clips that hold them in place.

*A great event that was very well supported by numerous regional engineering & manufacturing businesses that presented a vast array of different engineering and manufacturing career paths in the region.*





# HYDROGEN POWER AT GOOLE ACADEMY

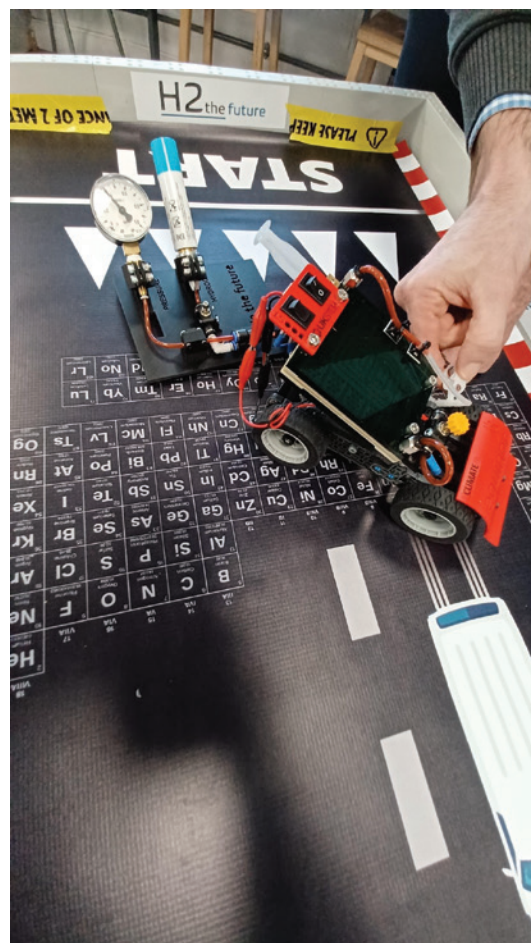
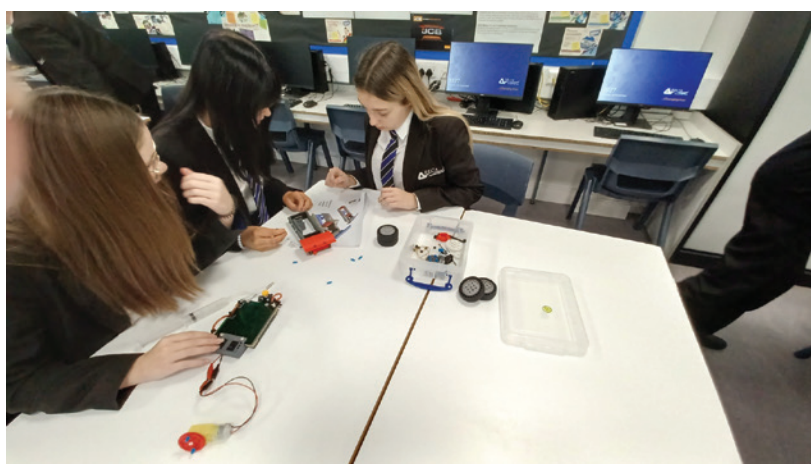


A fantastic STEM event for a class of Year 9 design students which will help them to link future careers in the region with what they are learning in class, and it will also support the students' future decision-making in relation to their key stage 4 options.

The activity was delivered by STEM UK and Skills Hull & East Yorkshire and involved an inspiring insight on the need to decarbonise the Humber region (currently the largest emitter of industrial carbon dioxide emissions in the UK), the role that hydrogen production will play in this process, and the type of jobs that this is likely to create.

The students worked in small groups to build and race their own hydrogen buggy along a straight test track and making design changes to improve the speed. Problem solving, team-work, good communication and perseverance were just a few of the employability skills in abundance during this activity.

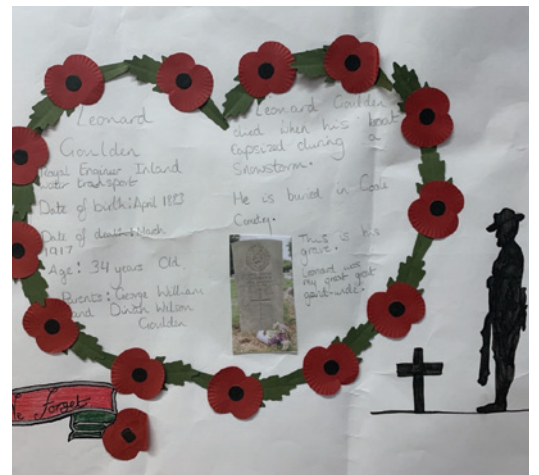
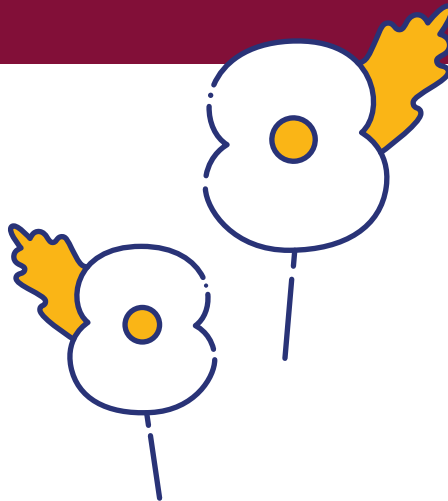
The students were so engaged with this STEM activity and they talked so enthusiastically about the exciting STEM career opportunities they will have in the future.



## REMEMBRANCE DAY AT GOOLE ACADEMY

Students and staff at the Academy marked Remembrance Day with a minute's silence. Year 9 gathered together for their silence so that they could also hear the Last Post and listen to a reading. We felt this was particularly important for them as they have recently been studying WWI and WWII in History. Some students who are also members of local air and army cadet forces wore their uniforms and were a credit to themselves and our community.

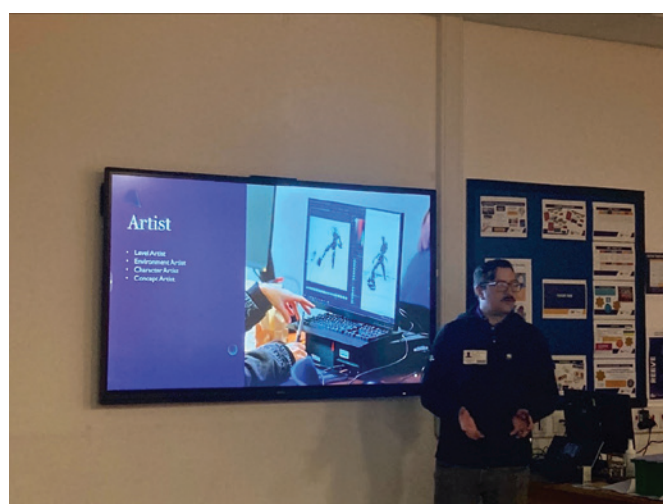
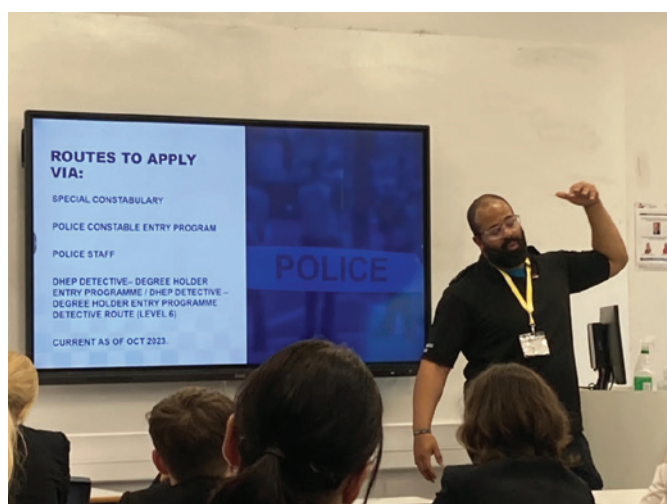
In addition, students in KS3 were given the opportunity to create a remembrance poppy to commemorate the sacrifice made by an individual soldier during World War One. Students were able to decorate their poppy in any chosen medium and included the details of a soldier killed during World War One using their research on the Commonwealth War Graves Commission website. These have been added to our Remembrance Day display in the History area and all entries were given a house point, over 100 students entered in total. The winning entry was a piece of embroidery to commemorate a relative of one of our Year 7 students.





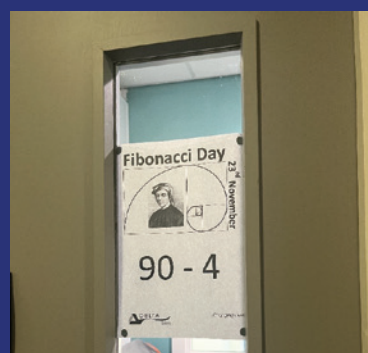
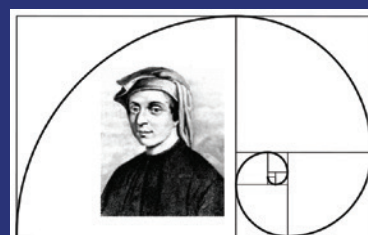
## CAREERS VISITORS

In Enrichment - visitors Justin Roberts from Humberside Police and Kurt Lam from Senior Backend Engineer at CCP London gave great descriptions of their jobs within their sector and the routes needed to get there.



## FIBONACCI DAY

To celebrate Fibonacci day on the 23rd of November, many students participated in a treasure hunt. Students had to look out for ten Fibonacci posters, each displaying a different calculation. Once the students had collected all ten clues, they then had to order the numbers into a Fibonacci sequence. Every entry received 1 house point, with correct entries receiving 2 house points. All correct entries were also put into a raffle where 5 lucky students won a selection box, one of which also won a £10 "love2shop" voucher.



# LANGUAGEUT

A massive well done to all our students who have completed their assignments on Languageut and gained a place on our weekly leader board.

Languageut is a great resource for learning French as it enables our students to reinforce their vocabulary, whilst simultaneously practising the four key skill areas of language learning. The digital resources are easy to use and are perfectly aligned with our teaching and learning content. It offers a range of interactive games and activities to challenge, engage and motivate our students. There are also over 8,000 exam-style questions for our Key Stage 4 students covering all four key skills and a vocabulary bank of over 4,500 words/phrases in French across a range of tenses. The automatically-marked reading and listening activities give immediate feedback to students.

We set homework using Languageut and all students must ensure they have their username and password so they can access all their assignments.





## LITERACY

We are off to a fantastic start with reading this year, particularly for our new Year 7 students who saw the return of BookBuzz. This is a nationwide scheme from BookTrust which allows every student in Year 7 to choose a book from a selection of 16 exciting titles which we purchase for them to keep. For some students this is the very first book they have owned so there has been a lot of excitement surrounding the arrival and distribution of the BookBuzz choices.

Reading Routes has had a strong start with 361 books from the first route being loaned from the library across KS3. We have already surpassed last year's success as students have, so far, passed 59 Reading Routes quizzes: 20 of those at 100%! Several students are reading their way through all six books on the first route and working towards some brilliant prizes.

Students in Years 7 and 8 have hit the ground running on Accelerated Reader this year. Year 7 have so far collectively passed 330 quizzes, reading 8,024,319 words. Year 8 have so far passed 284 quizzes, reading 8,596,084 words. The Accelerated Reader pledge badge was changed slightly this year to make it fairer to all students; they now need to pass 20 quizzes to receive it. Even at this early stage in the year, we currently have one student in Year 7 who has already earned it by passing 26 quizzes!



## PERFORMING ARTS TRIP

Year 10 Performing Arts students have had the opportunity to see two performances this term. They attended a performance with other Delta schools at Don Valley Academy to see Splendid Productions 'The Inspector General' followed by a Q&A session with the cast. They also went to Manchester Palace Theatre to see "Hamilton The Musical". Students were very inspired by both of the very different performances and got some very valuable information about what it is like to be a performer.



# MENTAL HEALTH AND WELLBEING AT GOOLE ACADEMY

At Goole Academy, we support all students with their Emotional and Mental Health.

Some of the systems we have in place are:

- **Learning Manager support**
- **Emotional Literacy**
- **Positive Handling Risk Assessments**
- **Designated Mental Health Champions**
- **Staff trained in Mental Health First Aid**
- **Mental Health Tip of the Week in the Bulletin**
- **Assemblies discussing Mental Health topics**
- **Resources and telephone numbers for external agency support**
- **EPC lessons designed around Mental Health topics.**



Any parents who have concerns around their child's mental health and wellbeing at school should make contact with their child's Learning Manager in the first instance. They will be able to signpost to the relevant agency for the correct support. Your GP can also offer advice and make referrals.

**Mental Health Champion –  
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**Mental Health Champion Assistant –  
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