

DYW NEWS

Aberdeen Grammar School Developing the Young Workforce Newsletter

June 2018

Oil and Gas Technology Centre Visit – 9th May

Aberdeen Grammar School pupils were given an excellent opportunity recently to take part in a Digital event at the Oil and Gas Technology Centre (OGTC). This is part of a wider development with AGS & OGTC.

Sakithan Sivakumar S2 gives us his experience from the day:

Oil and Gas Technology Centre Visit – 9th May 2018

I'm Sakithan Sivakumar and I went to see the:

Oil

Gas

Technology

Centre

The OGTC was a great experience 24 pupils were picked to go to the OGTC luckily I was one of them. We were shown AR (Augmented reality) and VR (Virtual reality) also the largest touch screen TV in the UK.

The Virtual reality

In the VR we were shown a target to find 6 barcodes shown around map the barcodes were on devices which was tricky but my group had found all 6 barcodes we were given 4-5 minutes each and there were 6 of us.

Overall it was a great experience with the VR.

The Augmented reality

In the AR we were given Microsoft HoloLens to wear and we had different missions to go through such as gas pipes leaking etc. It was very fun and very cool we were using two Microsoft HoloLens at a time giving each of us 8-10 minutes at a time

The video headset

We wore a video headset which engineers use and the footage used so people see what's wrong with stuff. It also had audio and had a wireless connection with computer etc. It looked cool and you could even see what you're recording with a circle screen smaller than a centimetre. It was very good piece of tech.

The map floors

We were shown a 360° view of all the floors of the oil and gas station using a viewing app. It had all the places to view in the oil and gas station it was pretty good piece of tech

Overall I had an amazing day at the OGTC and I now have more knowledge of how oil and gas industries worked.



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Tech20 with Nicole Lloyd NASA Scientist

A number of AGS pupils from S2 & 3 attended a STEM talk presented by a NASA scientist on Friday 23rd March.

Nicole Lloyd give the first STEM Tech20 talk at The Oil & Gas Technology Centre (OGTC). Nicole is currently studying pursuing a Doctorate in Microbiology at the University of Texas at Austin. Her talk focused on her experiences and the opportunities that STEM subjects can provide both in an industrial and educational context.

She has had a variety of experiences at NASA Johnson Space Centre including work in engineering, lab research, and data analysis. At the University of Texas, she has also had experience with teaching/ education as an Undergraduate Teaching Assistant, while also continuing to practice her lab skills. Her engineering background has a focus in robotics. Nicole has also been with the Scottish Space School since it was created and has seen the program grow and evolve.

It was a very informative and fun event where AGS pupils got to ask a lot of questions and think about STEM related careers.



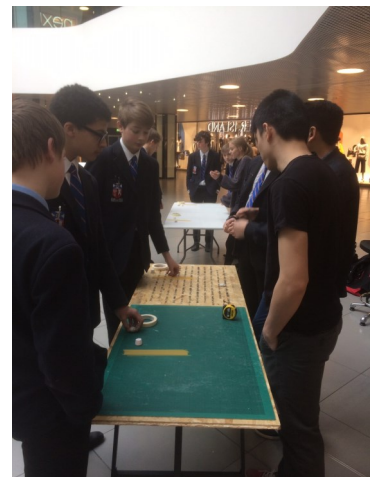


The Framework of Design – Architecture Exhibition & Workshops

Eight AGS pupils interested in careers in architecture attended and participated in a series of Architecture workshops that have been running throughout the duration of RGU student exhibition 'The Framework of Design' in the Bon Accord Centre.

The workshops involved working in a team to construct and design the tallest and most stable building out of a series of materials that the RGU students provided. There is a competition running throughout the week, with the best group being showcased on RGU's social media at the end of the week. AGS pupils currently top this with the tallest structure so far...

Pupils also got the opportunity of taking part in a number of interactive points throughout the exhibition where our pupils had the opportunity to ask questions about studying Architecture, and learn about the process of design and how this fits in to the degree.



Careers at Sea – Northlink Ferry visit on Tidal Tuesday

During tidal Tuesday five Aberdeen Grammar pupils took part in a tour of one of the Northlink ferries the M.V Hrossey. The tour was lead by two deck cadets who gave an insight into the career path they had chosen. They were given a tour all the way from the bridge to the engine room. This highlighted careers from Deck officers to Engineering officers and many of the hospitality jobs involved being a ferry. Thank you to Northlink Ferries for our tour.

The Merchant Navy Training Board's ([MNTB](#)) Careers at Sea campaign have, for the first time, sponsored an entire day during [National Careers Week](#) (5th-10th March) in order to promote opportunities in the Merchant Navy.

Careers at Sea have sponsored Tidal Tuesday, on 6th March 2018 with the aim of informing schools, colleges and youth groups across the UK of the careers available at sea to young people and the lifelong career prospects that the maritime industry offers.

The Careers at Sea campaign works to highlight the diverse range of professional opportunities available to young people who choose to enter the UK's most international sector, at a time when an ageing population and growth in the global shipping industry has led to increased demand for British seafarers.

Merchant Navy careers are an alternative to the university route and provide sponsored training, a professional qualification and worldwide travel. Using high tech equipment on the most advanced vessels in the world, a career at sea is like no other.

The Careers at Sea initiative recently won two awards that recognise the campaign's efforts to boost the number of young people entering maritime careers. The 'To Sea or Not to Sea' film was awarded Best New Association Video by the Association of Association Executives at its annual congress in December. The Careers at Sea Ambassadors programme also received the Special Award in the Effective Voice of the Year category



Army Work Experience Programme

S4+ (Age 15+). For pupils keen to find out more about careers in the Army, they offer five-day residential work experiences that focus on developing teamwork and leadership skills, confidence and physical fitness. These can be tailored to fields such as Engineering, Combat, HR, IT and much more. This is a great way for pupils to get a taste of Army life and fully appreciate the wealth of opportunities on offer.

The following dates are available:

01st – 05th October 2018

04th – 08th February 2019

See Mr Foster for more information.



Marketplace—My world of work

<https://www.myworldofwork.co.uk/marketplace>

Marketplace can enhance the learning experience of our pupils with industry insight. The importance of bringing the world of work into the classroom is highlighted in the Curriculum for Excellence – in both the principles of curriculum design and the entitlements. It's further reinforced in Developing the Young Workforce and the Career Education Standard.

Marketplace will also support your continuing professional development and help when preparing reports for How Good is Our School reviews.

You can search the opportunities offered by employers and you can also request opportunities tailored suit specific lessons. Requests can also be made through Founder4schools.

Marketplace is split into three key areas to support:

1. Skills Sessions
2. Inspiration events
3. Career insights

An instruction sheet on how to access Marketplace will follow this newsletter.



For further information on DYW please find follow the attached links:

[http://
www.educationscotland.gov.uk/
learningandteaching/
thecurriculum/dyw/](http://www.educationscotland.gov.uk/learningandteaching/thecurriculum/dyw/)

[http://
www.employabilityinscotland.com/
developing-young-workforce/
north-east/](http://www.employabilityinscotland.com/developing-young-workforce/north-east/)

The school website also gets updated with all DYW related news on a regular basis.

If anyone has any business link that would be willing to take part in any of the events coming up this year please get in contact.

