

## Students of the Week

These students have been chosen because they have made an outstanding contribution to academy life. This week's star students are:

**Year 7** - Lexie Martin (7A2)

**Year 8** - Frankie Oldcorn (8C1)

**Year 9** - Kelsi Longmore (9A2)

**Year 10** - Joe Golinski (10D1)

**Year 11** - Joshua Blunt (11D1)

**Well done! We are very proud of you.**



## Christmas Fayre

It is that time of year again where we are asking for any donations such as chocolate, bottles and bric-a-brac. If you would like to donate anything please bring it to the main reception where it will be gladly received. If you wish to have your own stall at our Fayre please contact the Academy to find out more information on 01782 883333 and ask for Ms Marshall or Miss Bailey. This year we will be running a Gin Bar therefore we are looking for donations of any unopened bottles of gin and mixers such as tonic water and lemonade. The Christmas Fayre will take place on Wednesday 11th December 5pm - 7pm.



## Homework Club

Homework club is open to students every morning from 8:15am - 8:35am and after school on Tuesday, Wednesday & Thursday 3pm - 4pm.

## Reminder

Year 11 photographs will take place on Monday 25th November.

## Library Competition

Write a poem about war and/or remembrance.

Winners will receive a collection of poems, a box of chocolates and achievement points.



Entries to be handed in to Miss Jukes or Mrs Porter-Nash by Friday, 22nd November 2019

## Christmas Competition

WIN two VIP tickets to the Winter Wonderland Hanley (free unlimited riding and skating wristbands).

All you need to do is donate any bottles, chocolate or gift sets to our Christmas Fayre Tombola. Your name will then be placed into the draw.

One item = 1 entry

The more items you bring, the greater your chance of winning!

\*\*Items containing alcohol will need to be handed into reception by an adult\*\*



## Children In Need

Children In Need is Friday 15th November. A number of activities will take place in the academy on the day to raise money, these activities include, a cake sale and Pudsey Paw glitter face paints. Which can be paid for on Parent Pay or on the day for 50p a Paw. You can wear Pudsey accessories such as the Pudsey ears. Please note that this is not a non-uniform day and all students should be in their full uniform on the day. Any additional donations to this Charity can also be made using Parent Pay.



BBC

Children  
in Need

**'If you fell down yesterday, stand up today'**  
**(H.G Wells - Author)**

## Head's Lines

A warm welcome back to all students, parents and staff. I hope everyone has had a restful half term and is feeling refreshed and excited about the half term ahead.

We ended the first half term with a wonderful Curriculum Enrichment Day organised by Mrs Marsh and Mrs Heath. It was fantastic to see students taking on new challenges and experiences.

Year 11 start their first set of mock exams next week. They have worked really hard preparing for these over the last ten weeks and we are confident that the hard work and effort will pay off. Well done to all the students who attended the catch-up sessions over half term. The number of students attending P6 sessions, continues to rise, with over 120 attending the maths session on Tuesday.

Thank you to everyone who supports our drive with morning punctuality. All students are expected to be in the academy for 8.35am, if they are late, they will receive a 15 minute detention on that day.

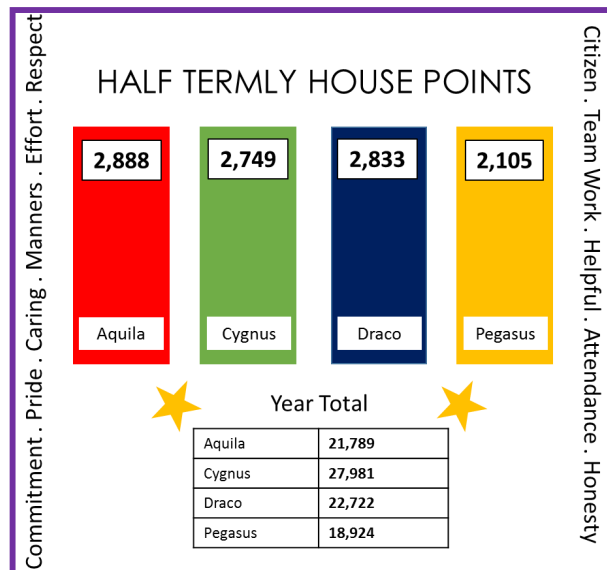
Finally, the academy will be having a minutes silence on Monday for Remembrance Day. A group of Year 9 & 10 students will also represent the academy at the Remembrance service at Packmoor on Monday.

## College, 6th Form & Apprenticeships

### November 2019

- Stoke-on-Trent College (Burslem Campus & Cauldon Campus): Wednesday 6th November – 5pm-7.30pm
- Stoke-on-Trent Sixth Form College: Thursday 7th November – 5pm-7pm
- Rease Heath College: Saturday 16th November – 10am-1.30pm
- Newcastle College: Thursday 28th November – 5.30pm – 8pm
- PM Training: Wednesday 20th November – 4pm-7pm

**The deadline for signing up for a college placement is February 14th 2020**



## Dates for your diary

**11th November - 15th November**

Anti-Bullying week

**21st November**

Year 8 Parents Evening

**4th December**

Year 11 Parents Evening

**11th December**

Christmas Fayre

**12th December**

Christmas Concert

**18th December**

Christmas Dinner

**We value your feedback.** Please contact us with any ideas or suggestions you have to improve what we do at Ormiston Horizon Academy.

Web: [www.ormistonhorizonacademy.co.uk](http://www.ormistonhorizonacademy.co.uk)

Email: [info@ormistonhorizonacademy.co.uk](mailto:info@ormistonhorizonacademy.co.uk)

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### Confidential Advice from your School Nurse

Students can arrange a confidential meeting with the School Nurse via their designated Head of Year.

### NSPCC Contact Numbers

Help for adults concerned about a child

**Call us on 0808 800 5000**

Help for children and young people

**Call ChildLine on 0800 1111**

**Email: [help@nspcc.org.uk](mailto:help@nspcc.org.uk)**

### Safeguarding (Child Protection Information)

Designated member of staff responsible for Safeguarding: **Mrs D Bolton**

Deputy: **Mrs J Adams, Mr P Shufflebotham**

**Tel: 01782 883333**

Governor: **Mrs J Barley**

# Career of the week

<b>Job title: Robotics Engineer</b>	Robotics engineers design and build machines to do automated jobs in industries like manufacturing, aerospace and medicine.
<b>Entry requirements:</b>	<p>You can do a degree or postgraduate qualification in:</p> <ul style="list-style-type: none"> <li>artificial intelligence and robotics</li> <li>mechatronics</li> <li>robotics engineering</li> <li>mechanical engineering</li> <li>electronics engineering</li> <li>computer science</li> <li>mathematics</li> </ul> <p>You can also work in the development of artificial intelligence if you have a qualification in psychology or cognitive science.</p> <p><b>Entry requirements</b></p> <p>You'll usually need:</p> <ul style="list-style-type: none"> <li>2 or 3 A levels, including maths and physics</li> <li>a degree in a relevant subject for postgraduate study</li> </ul> <p>You can do a college course, which may help you to find a job as a robotics technician. Relevant courses include:</p> <ul style="list-style-type: none"> <li>Level 3 Certificate in Robotics and Automation</li> <li>Level 4 Diploma in Computing</li> <li>Higher National Certificate in Electrical or Electronic Engineering</li> </ul> <p>With further training, you can qualify as an engineer.</p> <p><b>Entry requirements</b></p> <p>You'll usually need:</p> <ul style="list-style-type: none"> <li>4 or 5 GCSEs at grades 9 to 4 (A* to C) for a level 3 course</li> <li>1 or 2 A levels, a level 3 diploma or relevant experience for a level 4 or level 5 course</li> </ul> <p>You could do a degree apprenticeship in a robotics specialism. Apprenticeship examples include:</p> <ul style="list-style-type: none"> <li>control and technical support engineering</li> <li>software development</li> <li>manufacturing engineering</li> <li>embedded electronic systems design</li> </ul> <p><b>Entry requirements</b></p> <p>You'll usually need:</p> <ul style="list-style-type: none"> <li>4 or 5 GCSEs at grades 9 to 4 (A* to C) and college qualifications like A levels for a degree apprenticeship</li> </ul>
<b>Skills required:</b>	<p>You'll need:</p> <ul style="list-style-type: none"> <li>knowledge of engineering science and technology</li> <li>knowledge of computer operating systems, hardware and software</li> <li>maths knowledge</li> <li>design skills and knowledge</li> <li>excellent verbal communication skills</li> <li>the ability to use, repair and maintain machines and tools</li> <li>thinking and reasoning skills</li> <li>complex problem-solving skills</li> <li>to be able to use a computer and the main software packages confidently</li> </ul>
<b>What you'll do:</b>	<p>Your exact duties will depend on what part of a project you work on but may include:</p> <ul style="list-style-type: none"> <li>understanding what customers want to automate</li> <li>designing processes and parts using computer aided design</li> <li>building and testing prototypes</li> <li>analysing data from robot sensors and cameras</li> <li>finding and fixing faults</li> <li>researching news ways to use robots and artificial intelligence</li> <li>demonstrating finished products to customers</li> </ul>
<b>What you'll earn:</b>	<p>Starter: £27,500. Experienced: £55,500</p> <p><i>These figures are a guide.</i></p>
<b>Working hours, patterns and environment:</b>	<p>37 to 40 hours a week, usually 9am to 5pm.</p>
<b>Career path and progression:</b>	<p>You could become a lead engineer, with overall responsibility for managing a project.</p> <p>You could also specialise in a particular area of robotics, for example self-driving vehicles, space exploration, surgical instruments or deep ocean research.</p>