

STEAM FAIR 2019

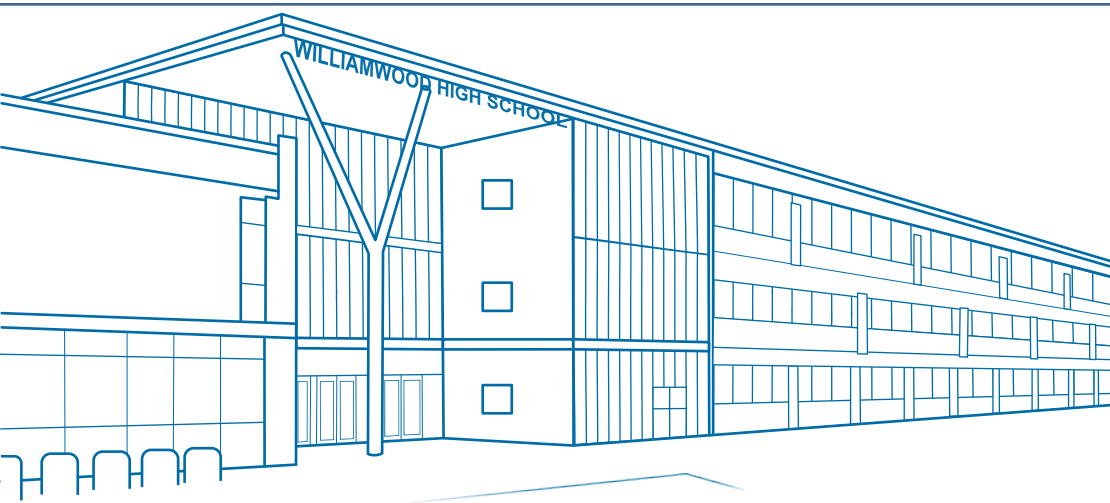


Williamwood High School

Thursday 24th October 2019
18:00 - 20:30

 @WilliamwoodHS

Programme of Events



18:00
**Opening of Williamwood
STEAM Fair**

18:15 Drop in
DJ Skills
Music department

18:15 Drop in
Rock Band Recording Studio
Music department

Session 1 18:10
Future Fuels Science Show
Library

Session 1 18:10
Nano Dirt Technology
Drama studio

Session 2 19:00
Future Fuels Science Show
Library

Session 2 19:10
Nano Dirt Technology
Drama studio

Session 3 19:50
Future Fuels Science Show
Library

Session 3 19:50
Nano Dirt Technology
Drama studio

18:30 - 19:30
Sustainable Fashion Show
Ena Millar Suite

18:15 Drop in
CGI Apple Classroom
Conference Room

18:15 Drop in
Maths Game show
Stage

18:15 Drop in
**Art & Design and Photography
Exhibition**
Ena Miller Suite

Please Note

Tickets will be required for some events. Please see Williamwood Staff for collection.

Pupils should congregate at the required location 5 minutes before the allocated start time to be taken to their seats by ushers.



List of Exhibits

1	Psychology Experiments	<i>BICT Department</i>
2	Innovations in Computer Technology	<i>Glasgow City College</i>
3	Innovations Team	<i>CGI</i>
4	Music Technology (Music room 3 & 4)	<i>Music Department</i>
5	DJ Skills	<i>Music Department</i>
6	Rock Band Recording Studio	<i>Music Department</i>
7	Future Fuels Science Show	<i>Glasgow Science Centre</i>
8	Really Small Science Group	<i>University of Strathclyde</i>
9	Meet Some Interesting Animals!	<i>The Animal Man</i>
10	CGI Apple Classroom	<i>CGI</i>
11	Institute of Civil Engineers	
12	Red Cabbage Indicator	<i>Chemistry Department</i>
13	Chemical Reactions	<i>Chemistry Department</i>
14	City of Glasgow College	

List of Exhibits

15	The University of Glasgow	
16	Timstar	
17	Design and Technology LEGO Robotics Club	<i>D&T Department</i>
18	3D Printing	<i>D&T Department</i>
19	D&T Engineering Club and Aeroplane Challenge	<i>D&T Department</i>
20	Art & Design and Photography Exhibition	<i>Art & Design Department</i>
21	Williamwood Steams Ahead Fashion Show	<i>Art & Design Department F&TT Department</i>
22	Family Learning Zone	
23	Maths puzzles	<i>Maths Department</i>
24	Mathionaire	<i>Maths Department</i>

Thank You

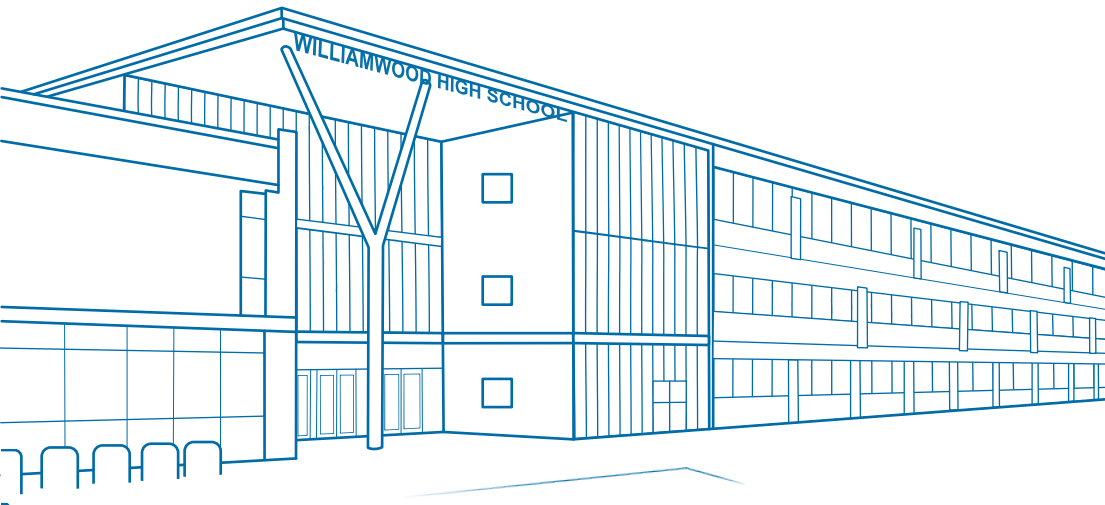
These events are only possible due to the dedication of our external partners, colleagues from our associated primary schools, S6 helpers and the Williamwood staff.

Many thanks to you for attending this evening and supporting the school as we endeavour to give each and every pupil the best possible STEAM experience.

Should you have any comments regarding tonight's event or should you wish to contribute to future events please feel free to discuss this with any member of the Williamwood STEAM staff.

David Sudding
On behalf of the STEAM Committee.

Family Learning Zone



Sustainable Jewellery

S1 pupils will demonstrate creative construction techniques using sustainable materials. Learn about relevant career pathways in this sector will be identified and exemplified.

3D Paper Characters Green Screen Animation

Model making techniques using numeracy. Developing skills, creative problem solving and construction methods. Learn about relevant career pathways in this sector.

Photography

How to read a photograph through critical analysis. Project documentation and technical workbooks will demonstrate relevant career pathways in this sector.

Google Sketch-Up Junior Architecture Software Demo

Learn how the Art and Design department uses Google Sketch-Up software to create three dimensional digital drawings that can be used to exemplify creative architectural concepts. This software can be downloaded onto any laptop/tablet at home for free. We will demonstrate relevant career pathways in this sector.

Heat Press

Learn about how the heat press can be used to create and print graphics onto textiles and ceramics.

Sustainable Bags

Simple construction of bags using T-shirts.

Family Learning Zone Area

All sessions will run in the Art alcove and in the Art and Design department. Sessions will be run by S6 prefects.

Tea & Coffee



Classrooms for Malawi

The Malawi group is providing tea/coffee and cakes in order to raise funds to help build a three classroom block at Emazinyeni Primary School, just outside Ekwendeni. As you may know, we have a longstanding partnership with Malawi and have been carrying out renovation work at Ekwendeni Primary School since June 2014. We have made a significant improvement to the education of pupils at the school and we are now aiming to help other children in the surrounding area.

Emazinyeni Primary School is a relatively small school of 438 learners. The pupil : staff ratio is 1 : 109 and they only have two classrooms, neither of which is fit for purpose. The other 2 classes are taught outside, underneath a tree no matter if the weather is scorching heat or pouring rain. We want to change this.

Our aim is to raise £30,000 to allow us to build 3 classrooms at the school next summer. We will also aim to refurbish the other classrooms as soon as possible.

A group of 34 S5 pupils will visit Ekwendeni and undertake building work alongside local builders in June 2020 as part of the project. As in previous years, our work will be completed in partnership with the charity Classrooms for Malawi. All of the money raised this evening will go towards the project and will help to improve the education of children in Ekwendeni for many years to come.

Please speak to any member of the Malawi team if you would like any more information and/or if you or your company is able to help with our fundraising.