

May 2019



Dear Parent/Carer

Science and Technology Challenge Day – Monday 1st July 2019

Your child has been invited to participate in the Sheffield and Rotherham Science and Technology Challenge Day that will be taking place at Sheffield Hallam University on Monday 1 July 2019. The day will give them an insight into STEM at higher level. Activities will include:

- Robotics – They will build and program a robot to navigate a series of obstacles
- E-FIT – They will use police software to create an image of a ‘criminal’
- Vehicle – They will design, build and then race a simple electric vehicle
- Medical Diagnostics – They will be tasked with diagnosing a ‘patient’ and also test for diabetes.

This year, more than 40 Challenge Days will be taking place across the country, with the overall winning team from each event progressing to a Finals day, which will held at the beginning of 2020.

Throughout the day, they will work in mixed school teams to encourage them to develop their interpersonal relationships and team building skills, which are imperative for studying a STEM subject at a higher level.

The day will start at 9.20am and finish at 3pm. Whilst refreshments will be provided during the morning break, your son/daughter will be required to bring a packed lunch with them (packed lunches will be provided for those pupils entitled to them).

Students will be required to make their own way to and from the venue, which is located within the Owen Building, City Campus, Sheffield Hallam University. A Silverdale teacher, Mr R Prestwich, will meet the students at 9.15am at the venue and accompany them throughout the day.

The following link can be used to find a useful map: <https://www.shu.ac.uk/visit-us/how-to-find-us/city-campus-map>
If you would like your child to take part in this event, please return the form by Monday 10th June 2019.

Yours sincerely

D Jones

Mr D Jones
Head of Science

Executive Headteacher: Roisin Paul

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Silverdale School - Sheffield Science and Technology Challenge Day – Monday 1 July 2019

Student Name _____ Form _____

I give permission for my son/daughter to attend the Sheffield Science and Technology Challenge Day.

I do/do not give permission for my son/daughter to be photographed (please delete as appropriate).

I understand that they will need to make their own way to and from the venue and that they will only be accompanied by a Silverdale teacher during the actual event.

Emergency Contact Name: _____ Emergency Contact Number: _____

Medical Conditions: _____

Signed: _____ Parent/Carer Date: _____