



HECKMONDWIKE GRAMMAR SCHOOL

RLN/GSS/TCC

22 May 2024

Dear Parent/Carer,

Huddersfield University - Wednesday 12 June 2024 - Disposable Vapes Workshop, Chemistry trip

The University of Huddersfield are currently researching the chemicals involved in disposable vapes, how they function and the potential health implications of these chemicals. They are keen to raise public awareness of the problems associated with vaping and educating young people about the health impact of vaping.

Therefore, they are organising a workshop where disposable vapes will be combined with chemistry knowledge, broadening learner knowledge, and sparking their interest in science. In this workshop, learners will attend a lecture where key results of the research are presented leading to discussions between peers and staff members. They will also have the opportunity to investigate the inside of a disposable vape observing the battery used and how the vape works, analyse data produced during the research (GC-MS, HPLC-UV and FTIR), identify chemicals found inside the vapes and use chemical calculations to compare the nicotine concentration of some vapes to ordinary cigarettes.

At the end of the disposable vapes workshops there will be a campus tour of the university therefore students should bring a coat in case of inclement weather.

Students will be expected to make their own way to and from the university. They should meet at the main University Reception by 09:30 for the 10:00 start ([see map](#)). Students will need their own lunch and the event will end at approximately 14:45. They will need to be dressed appropriately for a day of practical activities and workshops in the University laboratories therefore no open toe shoes and clothing should cover from the shoulders to the knee

If students are a recipient of a bursary please ensure that they claim back any expenses for travel costs/parking.

Please fill in the following form (using the link or the QR code below) to guarantee the space and to provide consent by Friday 24 May.

<https://forms.office.com/e/a29ZswttWA>

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Kind Regards

Mr Stott and Mrs Noble

Garoth Stott

Subject leader Chemistry and Chemistry teacher