

Heckler



Week 44 Published 4 October 2019

HECKMONDWIKE
GRAMMAR SCHOOL

GCSE Music Performance Evening

Last Thursday saw the first of our GCSE music performance evenings. These informal concerts give our students a chance to play their current GCSE performance work to a small audience of just friends and family. For some students it was the first time they had performed in public - so a huge congratulations to them, as well as all the students who took part in the evening.

We had 23 performances in a huge variety of styles including Classical, Folk, Musical Theatre, Pop songs new and old, ABRSM exam pieces and then a Rap at the end. There were many excellent performances in a hugely varied programme and will set our students up for the busy year ahead.

Mr Cole &
Miss Sutcliffe



Students of the Week

Kate Moulton 7P1

Thomas Haigh 8P2

Taran Dhillon 9C1

Charlotte Alcock 10P1

Jamie Wightman 11P2

Department Focus: Chemistry

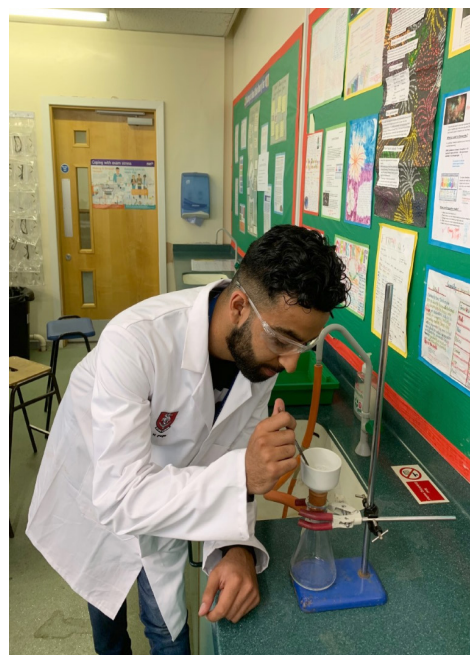
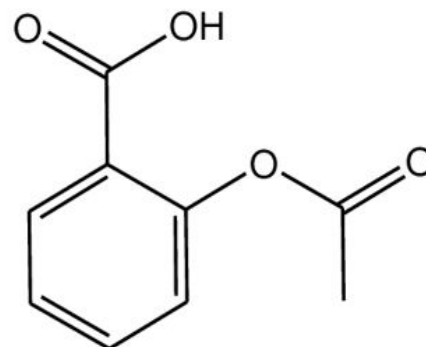
A-Level Chemistry at Heckmondwike: Making Aspirin

One of the great things about A-Level Chemistry is the range of practical opportunities it offers throughout the course. There are 12 practical activities that students are required to do through during their 2 year A-Level course, which range from carrying out titrations, to work out how much vitamin C there is in orange juice, to studying the rates of chemical reactions using 'clock reactions' and making a range of organic products (Chemical substances based on chains of carbon atoms). One of the most interesting practical activities our Y13 students carry out is making aspirin.....

The use of willow tree leaves as a remedy for aches and pains has been used for over 2000 years – they contain a chemical a chemical called salicin which is a close relative of aspirin. Aspirin itself was first synthesised in 1853 by a French Chemist called Charles Frédéric Gerhardt but it wasn't until around 1900 that Aspirin first went on sale to the general public. We now take approximately 100 000 000 pills world wide annually! It's uses range from the treatment of pains and fevers to prevention of further heart attacks and strokes due to its blood thinning properties.

Our A-Level students take around 3 hours making, purifying (by recrystallisation) and analysing their carefully prepared aspirin samples. A number of our students will then be able to take their product out to the University of Huddersfield to see just how pure their sample is!

Aspirin Structure



Congratulations



Congratulations to year 11 music student Claudia Lai for passing her ARSM Diploma in Piano Performance with distinction. A truly stunning achievement! It means she now has letters after her name - so well done Claudia Lai ARSM.

Killington Ski Trip 2020

Reminder
Information Evening
Monday 7 October 2019
Swann Hall
6.30pm-8.00pm
Please enter via the Student
Entrance on North Street

Parent Notices

Monday 7 October - Killington Ski Trip Information Evening
Tuesday 8 October - Year 7 Pastoral Parents' Evening
Thursday 10 - Monday 14 October - Berlin Trip
Wednesday 16 October - Year 11 Revision Information Evening
Thursday 17 October - Year 13 Parents' Evening
Thursday 24 October - Sixth Form Open Evening