



**Crookhey Hall  
School**

**Wc 16<sup>th</sup> January 2023**

### Upper School – Core subjects

#### Science

Class 4 Life skills: We have been working on helping one another and we have also been out of school learning about road safety.

Year 10 Science: Students have been summarising their findings on displacement reactions and they have also completed an online quiz on everything they have learnt this half term. Students have then moved on to learning about how we extract metals from the ground and most students managed to extract some copper for themselves from an ore in the laboratory.

Year 11: On work experience

#### Maths

Class 1- 3 – Work experience

Class 4 – Geometric sequences, Special sequences – triangular, square, cube, shape and patterns, Fibonacci

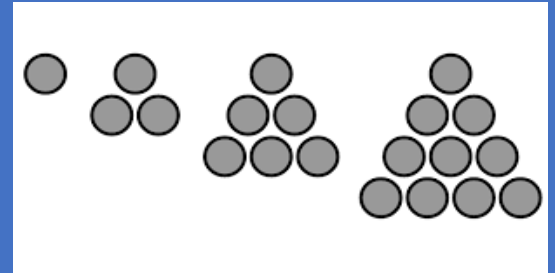
Class 5 – Entry Level Maths, Special sequences – triangular, square, cube, shape and patterns, Fibonacci

Class 6 - Entry Level Maths, Special sequences – triangular, square, cube, shape and patterns, Fibonacci

With 5 pupils passing their Entry Level 1 Maths subject to internal and external moderation

#### English

This week we have looked at how to present a balanced argument with statistics to support their arguments



### Upper School – Other areas



#### Humanities

Year 10 have been completing their end of unit assessment on Crime and Punishment, as well as watching a documentary in preparation for the next unit, The Norman Conquest.

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**ACORN EDUCATION  
AND CARE**



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### Lower School – Core subjects

#### English

Year 7 have been working on creating settings for their short story.  
Year 8 have been working on identifying persuasive devices in speeches.  
Year 9 have been focusing on writing persuasively.

#### Science

Year 7 – They have created a comic strip showing how an imaginative animal has inherited features from two separate animals. They detailed how they live, how they eat and how they survive. We have then started looking at how plants adapt to their conditions.  
Year 8 – We have continued to investigate sound waves. This week we created speakers out of a plastic cup and cardboard tube, showing how sound is amplified. We then related this to how the inner muscles in our ear amplifies sound, and explored the different parts of our ear.  
Year 9 – We have finished looking at different types of energy and are now exploring how that's energy is generated. This is through power stations, wind farms and solar panels. We are comparing the advantages and disadvantages of renewable and non-renewable energy.

Persuasive Writing			
<b>Introductions</b>	<b>Making your point</b>	<b>Details</b>	<b>Other Words</b>
I think...	Firstly, secondly, thirdly...	For example...	reasons
For this reason...	Furthermore...	In fact...	arguments
I feel that...	In addition...	For instance...	for
I am sure that...	Also...	As evidence...	against
It is certain...	Finally...	In support of this...	unfair
I am writing to...	Likewise...	<b>Endings</b>	pros
Of course...	Besides...	For these reasons...	cons
In the same way...		As you can see...	

### Other News

## Introducing Kitt Medical



In June 2020, Zak Marks was undertaking his final year studying Industrial Design at the University of Loughborough. A long-time nut allergy sufferer, Zak faced the danger of going into anaphylactic shock upon contact. After growing frustrated with the options on offer, he turned his focus onto finding a solution. The objective: to design an emergency device which could rescue peanut allergy sufferers from the consequences of contact. The result has been the production of the Anaphylaxis Kitt. This life-saving device contains two sets of auto-injectors containing 300mcg or 150mcg doses of adrenaline. To fulfil its emergency function the device is fully portable, coming in the form of a small handheld case. To provide immediate recognition, the device is coloured in an eye-catching orange. Drastically cutting down solution-to-patient times. Once you've subscribed to the Kitt Medical service, the company provides a suite of after-purchase support services. These include a dependable supply of adrenaline auto-injectors, expiration alerts, an online training suite and incident reporting software, all available through Kitt Medical's website via the staff portal.

The company has achieved several milestones, achieving a significant second investment round in October last year before going on to win the Santander X Launch Award the following month. You can find more about both the device and the company itself by following the link below:

<https://kittmedical.com/>