



Crookhey Hall
School

Wc 6th March 2023

Upper School – Core subjects

Science - This week year 10 have been looking at the process of electrolysis and how it is used to extract Aluminium. With year 11 pupils having been preparing and completing their Chemistry Entry Level Certificate paper 3 on Atom structure and the Periodic table.

English - Class 1 - Have continued to complete individual speaking and listening presentations. Class 2 - Have begun looking at the elements of an effective speech. Class 3 - Have continued to complete speaking and listening assessments. Classes 4&5 - Have continued to complete speaking and listening tasks and those who have outstanding reading and writing papers to do, have worked on them. Some students started to consider the elements of an effective speech. Class 6 – Have started to analyse and annotate a speech, identifying persuasive devices.

Maths - Class 1- GCSE practice topics – Utility Bills, Place Value, Changing the subject of a formula, Algebra solving equations. Class 2- Partitioning 3 digit numbers, Subtracting 3 digit numbers with exchanging. Grid method 1- and 2-digit x 2-digit multiplication. Class 3- 3-digit Subtraction with and without exchanging and contextual, Grid method 1- and 2-digit x 2-digit multiplication. Class 4 – Entry Level certificates, Grid method 1, 2 and 3-digit x 2-digit multiplication, comparing negative numbers with inequalities, adding and subtracting negative numbers. Class 5 – Grid method 1, 2 and 3-digit x 2-digit multiplication, comparing negative numbers with inequalities, adding and subtracting negative numbers.

Upper School – Other areas

Pictures from Upper School this week



Outdoor Ed - Classes 1,2,3 & 7 mixed this week to go to the gym and out for a walk to Williamson park where they interacted with the public well. Whilst Classes 4, 5 mixed went to engage in some computer-based sports due to the weather.

PSHE - Year 10's have continue to build their portfolios of work on exploring external opportunities for learning. During this unit they will plan either a guest speaker or an external visit. With Year 11s moving on to a unit called "exploring emotional wellbeing" which looks at mental health and strategies for coping!

ICT - This week the students have been experimenting with digital recording using headphones, microphones and MIDI (Musical instrument digital interfaces). This converts audible sound into digital signals for the computer which allows editing and mixing.

Humanities - Year 10 & 11's have been finishing off their coursework on the Norman society and the claimants to the throne in 1066. This is part of the ELC in History and its unit on the Norman Conquest of England.

Construction / woodwork - year 10 & 11 groups have continued to work on units A2 (smart targets) to be sent off at the end of this week for marking which they have all completed to a good standard.

Thought's from the Head

In the modern world many children and adults are seeing live streaming as a valid way of generating low start up income. The rise of YouTube, Twitch, Instagram, and other platforms, have opened up ways of making money that didn't exist before. Now users are able to get opinions, views, and advice across to people all over the world, simply from your computer or laptop. There is no minimum age to these kinds of activities. And people that make a success of YouTube can be as young as primary age. However, this opens up opportunities for those who prey on these channels of under aged people. They encourage them and ultimately try to gain their trust. This requires those in the educational and safeguarding sphere to be able to give good advice to keep them safe whilst pursuing these online objectives. The Safer Internet Centre has produced a page dedicated to mitigating harm for those engaging in these online activities.

To find out more please follow the link below:

<https://saferinternet.org.uk/online-issue/livestreaming-2>





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Lower School – Core subjects

English - Year 7 have been focusing on A Midsummer Night's Dream, Year 8 have been creating their own characters, Year 9 have been looking at the effect of language within Stone Cold.

Science - Year 7 – We have moved on to looking at how water and nutrients flow round our body. We have started to understand the processes of diffusion and osmosis that happen in the body and we are going to complete an experiment next week based on this. Year 8 – We have finished looking at food webs and ecosystems, understanding how they co-exist. We have now moved onto inheritance and how we look like we do. We have started by looking at sex cells and how they contain our parents DNA – hence why we have their characteristics. Year 9 – We have continued to build up to our filtration experiment. We have had an 'Apprentice' style week where they have been given the task to create their own company that specialises in filtration systems. They had to create their own product, name their brand and explain why they need financial help to create the company's new filter system. We have had ideas that ranged to a filter system that improved the speed of mining to improve the quality of health and safety for workers – to being able to filter water easier so that it doesn't cost as much time and money.

Maths - Year 7: This week year 7 have been building on previous learning by rounding to 1 decimal place. They have been looking at which numbers with 1 decimal place are either side of a number with 2 decimal places. From here, they have been working out which number with 1 decimal place is closer. As with rounding to the nearest whole number, a number line has been useful visual aid. Year 8: This week year 8 have been focusing on working out areas and perimeters of compound shapes using their current understanding of areas and perimeters of singular shapes and applying it when finding areas and perimeters of multiple shapes put together. Year 9: Have recapped knowledge of percentages where they covered the key fact that "per cent" relates to "number of parts per 100". If the whole is split into 100 equal parts, then each part is worth 1%. Hundred squares and bar models were used to help clear up any misconceptions. They have then been applying their current knowledge of percentages to solve real life problems involving percentage increase and decrease.

Lower School – Other areas

Pictures from Lower School this week



ICT - all classes created PowerPoint scrips in their exercise books about themselves and what they like. They will then put them onto a PowerPoint using animations.

Outdoor Education - class 8, 6 and 12, 13 went swimming this week.

PSHE - The year 7, 8 & 9 pupils are starting to explore the new AQA topic of Relationships and Sex Education. This will range from exploring relationships, to puberty and the development of a baby from conception to birth.

Construction - Years 9,8,7 & rotational groups have continued with their AQA awards for making a self standing planter & making a wooden planter box ready in time for mothers day on the 19th of March. All classes are making great progress class 7 & class 8 have completed their AQA award and project

Humanities - The year 8 pupils have been looking at how the weather is measured and who uses weather forecasts whilst the year 9 have been engaged in the opinion splitting topic of euthanasia. A blood thirsty battle over the reign of England was looked at by the year 7 pupils by examining the events of the battle of Hastings.

Horticulture - year 10 and 11s have been helping to prepare the new raised beds in the garden. All other year groups have been braving the cold and heading into the woods to see what the wildlife camera has been picking up. Unfortunately there has only been a murder of crows, a male pheasant and a couple of squirrels.