



**Crookhey Hall
School**

Wc 9th January 2023

Upper School – Core subjects

Maths

Class 1 – Algebra – expanding single brackets, expanding two single brackets and simplify, factorising, GCSE Past paper practise

Class 2- Number – Prime number, prime factorisation ,Venn Diagrams, HCF and LCM with Venn Diagrams, Arithmetic sequences, Geometric Sequences

Class 3 – Functional Maths – appropriate units of weight, converting units of weight and Entry Level 2 Maths/Past paper practise.

Class 4 – Number - Venn Diagrams, HCF and LCM with Venn Diagrams, Divisibility Rules – 3, Arithmetic sequences.

Class 5 – Number - Prime factorisation ,Venn Diagrams, HCF and LCM with Venn Diagrams, Arithmetic sequences, Geometric Sequences

Science

Year 10 Science: This week year 10 have been concentrating on working safely in the laboratory reacting metals with acid to be able to identify an order of reactivity. The students have also been performing some displacement reactions and learning about what these types of reactions are but this will continue into next week's learning.

Year 11 Science: Year 11 have been learning more about Biodiversity this week and how humans are impacting on Biodiversity. The year group have also been looking at the history of waste management from war times until now. They have also been learning about how to reduce the human impact on the loss of biodiversity.

English

Class 1 – Have read student responses to Paper 1, question 2 which achieved marks ranging from band 1 to band 4 (grades 0-9) on the mark scheme. This has allowed students to compare the quality of answers and begin considering where they currently are on the scheme themselves and how they can improve. Having read two model answers, pupils attempted the same question.

Class 2/3- Having considered the pros and cons of mobile phone use, pupils had to write an argument either in support of or against the use of phones in school. Pupils had to use appropriate connectives in order to develop their arguments.

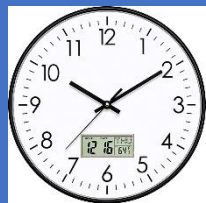
Year 10. Year 10 completed Entry Level 2/3 reading tasks based on the topic of mobile phone use. This task required them to identify rhetorical devices and find explicit and implicit information. Some managed to complete these tasks and begin a writing task which involved using appropriate connectives to argue either for or against the use of phones in schools.

$$(x + 5)(x - 2) = x^2 - 2x + 5x - 10$$

-2x + 5x can cancel down to +3x



Upper School – Other areas



PSHE

Year 10s: Are completing any outstanding written work for the last unit of Understanding sexual health and will soon be moving on to Using external opportunities for learning. In this unit they will plan and complete an out of school visit or invite a professional into talk to the class.

Year 11s have moved on to understanding their emotional wellbeing and in this unit they will aim to gather the tools and strategies to promote their own wellbeing as well as how to recognise signs and symptoms of someone who is struggling with their own emotions.

Horticulture

This week we have been clearing the paths and some of the beds in the garden. We have been applying mulch to the beds after the beds have been weeded.

Life skills

Class 4 (year 10) We have been continuing looking at time which is a struggle for some students. Telling time both on analogue and digital clocks both 12 hour and 24 hours has been a very difficult concept to grasp but yet an essential key skill. Some students need more work with this. Students have also been learning about how to write invitations and what it is important to include in them e.g time, date, where and RSVP information. Students have been creative in writing their own invitations to a fictional event of their choosing in which they have tried to include all the relevant information. Also this week we have been learning about how to play as part of team. We have also been brainstorming about ideas about doing a good deed in the community.

Art & Catering

Year 11 Catering: Students learnt about West African cooking and how to make Jollof rice.

Year 9 Catering: Students learnt about Indian spices and made a curry.

Year 11 Art: Students continued with the GCSE Art Externally Set Assignment by researching artists and taking photographs.

Year 9 Art: Students practiced their shading skills with cross hatching, hatching and pointillism.



📍 Crookhey Hall, Garstang Road, Cockerham, Lancaster, Lancashire LA2 0HA

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Lower School – Core subjects

English

Year 7 have been working on an AQA Unit Award where they create well-known characters using step-by-step tutorials.

Year 8 have been working on identifying the correct spelling of common words.

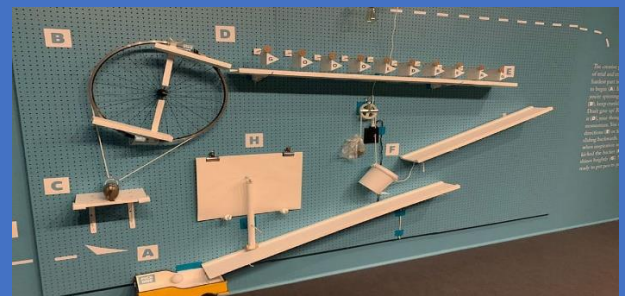
Year 9 have been focusing on the perceptions people have of homelessness.

Science

Year 7 – Starting to explore how animals adapt to their environment. They researched an animal from its climate, explained how it survived, how it found food and how it protects itself from potential threats. Then, they explored how an animal could adapt itself to survive in a different habitat.

Year 8 – After introducing the new wave topic last week, they have now started learning about the properties of the sound wave. We started looking more in depth at the amplitude, frequency, and oscillation, and what these words mean.

Year 9 – We continued to investigate how energy transfers and transforms. A Rube-Goldberg machine shows this, for example, a chain of events. We looked at how each energy can be transferred. An example of how heat in a balloon makes it rise – so thermal energy is transferred to kinetic. They then created their own Rube-Goldberg machine.



Lower School – Other areas

Art & Catering

Year 8 Art: Students recapped progress from last term and started looking at a range of Stop Motion Animation Artists.

Year 7 Art: Students looked at the work of Karan Singh and created patterned drawings of hands inspired by his work.



OTHER NEWS

Child Safety and the Metaverse

Christmas has now come to a close and a new year has begun. As pupils and staff return to school, the annual playground inquisition will begin. Among their peer group young people will begin to discuss what they got for Christmas. For many the answer will almost certainly be 'a Fortnite battle pass, a new PC, a PlayStation 5 etc'. All devices which allow both unfettered access to the internet and expose children to voice chat, text chat and photo sharing with complete strangers. This year presents an acceleration of vulnerability window as, VR headsets, connected to Facebook's Metaverse have been released onto the marketplace. The Metaverse seeks to link users to the internet as a Virtual Entity through the use of Virtual Reality Headsets. This amplifies the danger children are exposed to online. Over the coming months it will be vital for DSL's to understand these Christmas gifts and the issues linked to them. To help you understand this new, fast changing issue the NSPCC has published a guide to both the Metaverse and VR headsets. To find out more please follow the link:

<https://www.nspcc.org.uk/about-us/news-opinion/2022/christmas-vr-safety-advice-for-parents-metaverse/>