



**Crookhey Hall
School**

Wc 23rd January 2023

Upper School – Core subjects

Science:

Year 10: Class 4 have been looking at how to extract copper in the laboratory by reduction using a copper ore and carbon powder. They managed to extract a small amount of copper.

Class 5 and 6 have been looking at the uses of iron and steel and how Iron is extracted in industry on a large scale from it's ore.

Year 11: Classes 1 and 3 have been looking at the positive and negative impacts of humans on biodiversity and coming up with solutions to problems our society is facing due to negative human impacts such as deforestation, plastic overuse and wrong disposal and excessive amounts of waste ending up in landfill. Class 2 have been looking at deforestation and the impact it has on Biodiversity. They have also been looking at how humans are impacting on our natural resources and land, water and air pollution and the consequences of this.

English:

All of Key stage 4 decided topics for Entry Level and Functional Skills Speaking Listening and Communication Assessments.

They then watched stimulus material and made notes. They then reviewed the assessment criteria. One class completed their assessment. The others will do this at the start of next week.

Maths:

Class 1 – Algebra – Factorising single bracket, expanding double brackets (++)(+--)(--)

Class 2 – Geometric sequences, Special sequences – Fibonacci, triangular,

Class 3 – Entry Level 2 Practise papers, Entry Level 3 – Unit 6 – Continue Linear sequences, Unit 10 - Money – convert between pound and pence.

Class 4 – Algebra - Generating sequences from the nth term, Finding the nth term formula from a linear sequence.

Class 5 – Algebra – Fibonacci, Generating sequences from the nth term.

Class 6 – Algebra - Fibonacci, Generating sequences from the nth term



Upper School – Other areas



Humanities

Year 10: began their new unit on The Norman Conquest. This is their second unit of their Entry Level Certificate in History. Pupils used a variety of primary and secondary sources to begin a fact file on the Normans as part of their contextual learning.

Year 11: completed their guide to Lancaster castle as part of their third and final unit of the Entry Level Certificate in History, a site study on Lancaster castle. Next week, they will begin their write up in Lancaster castle's importance in history.

PSHE

Years 10 & 11: have continued to work through their BTEC award

Art

Year 11: Continued researching and responding to artists work for the GCSE Externally Set Assignment.

Catering

Year 11: Catering: Students made Chicken Pho, a Vietnamize dish.

Year 10: Catering: Students made Brown Stew Chicken, a Jamaican dish.

Life Skills

Year 10: Have been looking at budgeting and planning a grocery shop for a single parent with £10 to last them for 2 days. They did very well at identifying what items are classed as essential and what are classed as treats or non-essential items.

Land based studies

This week pupils have been preparing the beds for future spring planting

Construction /woodwork,

Years 10 & 11 have gone through their files, organising them into unit sections ready for examination and putting the final pieces of work in or preparing for final pieces of work

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

Crookhey Hall Limited • Registered Office: 1 Merchants Place, River Street, Bolton, Lancashire BL2 1BX • Registered in England No 02729238

01524 792 618

www.crookheyhall.com

reception@crookheyhallschool.co.uk

part of
**ACORN EDUCATION
AND CARE**



Crookhey Hall School

Wc 23rd January 2023

Lower School – Core subjects

Science

Year 7 – We are now looking at fossils and how they are created. We have looked at who Mary Anning was and explored why she was so important to fossil hunting. We have also looked at how prehistoric dinosaurs have evolved to modern day animals.

Year 8 – We have now moved on to reflection. We have designed a room full of lasers to protect a diamond, exploring why mirrors play a vital part in different types of security measures. We are hopefully going to create our own version of this next week.

Year 9 – We have been focusing on forces and air resistance this week, interpreting graphs to understand why air resistance makes vehicles slow down, and how we can reduce this. We are going to do an experiment next week where we create our own parachute and see which parachute stays in the air for the longest amount of time.

English

Year 7 - have been inventing their own animal characters for their short story.

Year 8 - have been working on identifying persuasive devices in the famous speech 'I have a dream'.

Year 9 - have been focusing on Spoken Language features.

Maths

Year 7 - This week year 7 have been continuing linear sequences. Students have been taught how to work out following terms through finding and using the constant difference. This week the sequences included ascending and descending sequences including decimals.

Year 8 - This week the year 8 students have been looking at the many different combinations of "sharing in a ratio". Students have been practicing doing so using bar models to ensure they have understood the information and can represent clearly what is known and unknown.

Year 9 - This week year 9 have been looking at solving 1-step equations. At first, they found that the notation was a bit confusing, but were encouraged to consider equations as a different way of writing "missing number" problems. For example, $x + 5 = 12$ is the same as $+ 5 = 12$.



"I HAVE A DREAM
THAT ONE DAY
THIS NATION WILL RISE UP
AND LIVE OUT
THE TRUE MEANING
OF IT'S CREED -
WE HOLD THESE TRUTHS
TO BE SELF-EVIDENT:
THAT ALL MEN
ARE CREATED EQUAL."



Lower School – Other areas



Vocational rotation

This week in the vocational rotation – in catering pupils have been learning how to make their own stir fry. In sport pupils have been working on how to work with others to form a successful team whilst horticulture have been able to get out and be active in our garden and tidying the Poly tunnel ready for planting after half term.

PSHE

Years 7,8 & 9 have concluded their AQA award in drug awareness

Art

Year 9 Art: Continued developing their drawing and shading skills

Year 8 Art: Sculpted characters out of plasticine for their stop motion animations

Year 7 Art: Looked at 'resist' in art, exploring using oil pastel and watercolour.

Construction /woodwork

Years 9,8,7 - have continued with their AQA awards for making a self standing planter & making a wooden planter box ready in time for mother day on the 19th of March all classes are making great progress.



Teacher Strikes

Dear Parents / Carers – as you may be aware from the news on Wednesday 1st & Tuesday 28th February 2023 then Wednesday 15th & Thursday 16th March 2023 there will be National Teacher strikes. Due to the teacher's strikes many of our own staff will need to care for their own children at home, this has resulted in a reduced capacity to accommodate all pupils in school. We apologise for this request to keep your child off school, however this is out of our hands and in the hands of the union. Therefore, we will be providing work packs for all pupils to complete at home.