



**Crookhey Hall School**

**Wc 6<sup>th</sup> February '23**

### Upper School – Core subjects

**Maths:** Class 1 - algebra-expand double brackets (–), expand the square of a bracket. GCSE grade 3/5 booklet-individual topics-standard form, lcm and factors  
Class 2-algebra-generating sequences from the nth term, generating the nth term for a sequence  
Class 3-entry level functional -EL3.6 sequences and EL3.10-money. Entry level practice papers.

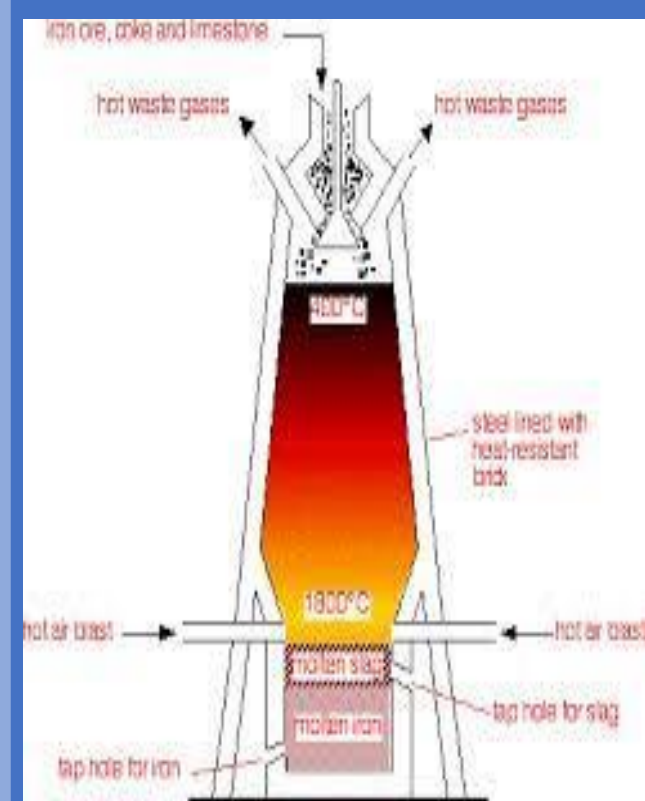
Sonny greaves passed entry level 2.

Class 4/5/6 - Generate the nth term from a sequence, using the nth term

**English:** Class 1- Completed their speaking and listening Functional Skills Level 1 group assessment. Level 1 writing papers were sent home for students to practise. Class 2- Class two had the opportunity to complete the Entry Level 2/3 reading assessments. Class 3- Class 3 – Continued to practise reading/ writing Entry Level Papers. Some students have completed the final assessments.

Year 10- All have practised exam style questions for Entry Level writing. Some have completed actual reading assessments.

**Science:** Year 10: They have been looking at extraction of iron in industry in a blast furnace. They have moved on this week to a new topic of salts and they have been learning how to name them in preparation for their entry level certificate paper. Year 11: They have been exploring the process of electrolysis.



### Upper School – Other areas



**Construction / woodwork:** years 10 group have continued to work on units A2 (smart targets). Year 11 group have been out for careers opportunities and to collect tools & equipment for next week's tasks unit con 14 (maintenance work) ( laying curb edging ( year 10 ) & fitting radiators ( year 11 )

**Outdoor Education:** Class 1,2&3 – Half went to the gym whilst the other half went for a walk in Hesketh Bank.

**Life Skills:** Pupils have been looking at the cost of travel by car, bus and train and planning journeys. We will expand this further in future weeks to look at air travel.

**Horticulture / animal care:** With upper school we have been planning the new water feature in the garden, measuring the amount of pipe that we will need and then visiting the local supplier to get a price for the equipment we need.

**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 complete a fact file on the Normans as part of their contextual learning.

Year 11 completed their write-up on the importance of Lancaster castle over the centuries. This is the final assessment of the Entry Level Certificate in History.

**ICT:** *This week the students have been honing their programming skills with some block coding*

**Art:** Art Year 11: Students continued researching artists and creating work in response.

**Catering:** Year 11: Students learnt how to make Brown Stew Chicken, a Jamaican dish. Year 10: Students learnt how to make an Indonesian Pork Curry.

**Law:** This week we have been covering the Mens Rea and Actus Rea of murder and manslaughter.

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**ACORN EDUCATION AND CARE**



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### Lower School – Core subjects

**Maths:** Year 7 - This week year 7 have been covering the inverse operation using their current knowledge of function machines and applying it to doing the inverse. Their target skill has been to find inputs when given outputs and using calculators throughout to continue to develop their skills using calculators when inputting squares and square roots.

Year 8 - This week year 8 have been recapping their knowledge of factors and multiples and have been given the opportunity to explore them further on computer programs such as TT-Rockstars, My Maths and IXL they have now begun to use such programs to recap and revise certain topics.

Year 9 - This week year 9 have been continuing on the topic of algebra where they have been looking at solving one and two-step equations. They have been working on the skill of balancing an equation in order to solve them. This has been introduced to them using pictorial methods alongside abstract notation.

**English:** Year 7 have been focusing on problems and solutions for their short story.

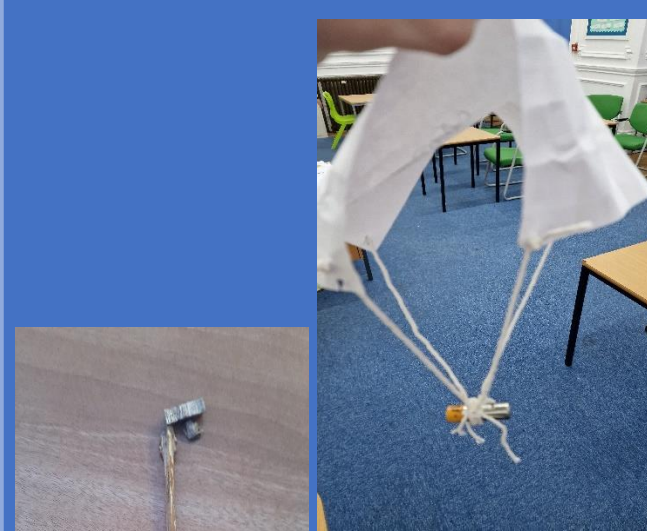
Year 8 have been working on creating their own examples of persuasive devices.

Year 9 have been focusing on understanding the dual narrative features.

**Science:** Year 7 – We have continued to look at fossils. We created our own dinosaur fossil design, and then went out into the woodlands and gathered stones and small sticks to create our very own fossils. We are then going to create our own fossilised dinosaur by using a special form of dough that we will create next week – please see attached photo of Louie Booth’s dinosaur.

Year 8 – We have been looking at ray diagrams and how mirrors can help aid security. We watched different videos about different types of security – lasers being used to protect high valued items like jewels. We then designed our own laser protected room. In the upcoming lessons, we are going to attempt to create our own laser obstacle course using lasers and mirrors.

Year 9 – We have just completed our first entry level certificate paper in relation to this current topic. They should all be proud of themselves for hard they have worked in this topic. To give them a change from writing, we did a couple of practical lessons in relation to air resistance. We created parachutes out of paper and string, using different innovative designs, and attached a battery to the bottom to act as the weight. We then had a competition to see who could have their parachute in the air for the longest, creating the most air resistance. Please see attached photo's.



### Lower School – Other areas

**Construction / woodworking:** Years 9,8,7 & rotational group 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.

**ICT:** This week all classes have been focusing on input and output devices and what is meant by input and output. We have then moved on to spreadsheets and how they work, what spreadsheets are used for. All classes have engaged very well in writing down information in their books and listen to staff explain the topic. There has been adaptation within these lessons to meet the pupils needs.

**Outdoor Education:** Class 7 - Went to the Gym with very positive behaviour, Class 8 - Went Swimming and had very good interacts with each other and other members of the public.

Class 9 - Went to Cockerham sands and look for stones and fossils. Class 10 & 11 - Went to Happy Mount Park for a walk and got a hot drink, engaged in game of man hunt and positively interacted with each other. Class 12&13 - Went swimming at Ribby Hall, enjoyed their activity and enjoyed swimming as a change instead of the gym.

**Horticulture / animal care:** This week with lower school we have been installing a new irrigation system in the poly tunnel. This has involved measuring and cutting tubing and drilling holes to hold the sprayers.

**Sport:** This week we have been looking at passing and shooting in Football. What would be the best way to pass in certain situations and what part of the foot would be used.

**DT Textiles:** Students painted t-shirts based on their design work.

**Art:** Year 9: Students used the grid system to create secondary observational drawings and explored Scaling up. Year 8: Students wrote stories and storyboards based on their characters. Year 7: Students explored tone and shade through drawing

