



# NEWSLETTER

Friday 22<sup>nd</sup> March 2024

## Headteacher Message

Dear Parent/Carer

I hope you are enjoying the brighter weather in our penultimate week of the Spring Term.

Many of our pupils have been fortunate to enjoy a range of enrichment activities to complement their learning this week organised by various members of staff. Pupils involved in our Pupil Parliament took part in the Schools' Citizen Assembly to build leadership skills, through debating the themes of sustainability and climate change with national experts. Year 10 pupils represented our school at 'Maths Feast', a national competition which aims to develop communication and teamwork skills. Year 11 pupils completed their compulsory training towards their Duke of Edinburgh Bronze Award expedition.

Finally, I would like to remind families that the term ends for pupils on Wednesday 27<sup>th</sup> March at 3:10pm. Staff INSET day will take place on Thursday 28<sup>th</sup> March, therefore, pupils will not be in school on this day. We are looking forward to welcoming Year 11 pupils on site during the two week break to receive additional study support in the build up to their GCSE examinations.



Miss Gowan  
Headteacher

V. Gowan

Miss V. Gowan  
Headteacher

## This week's numeracy puzzle

If

$$\begin{array}{rcl} \text{Sunflower} + \text{Sunflower} & = & 18 \\ \text{Sunflower} \times \text{Mushroom} & = & 72 \\ \text{Tree} \times \text{Mushroom} & = & 12 \end{array}$$

Then

$$\text{Sunflower} + \text{Sunflower} - \text{Tree} =$$

## Last week's answer

$$\begin{array}{rcl} \text{Orange} & = & 9 \\ \text{Watermelon} & = & 3 \\ \text{Strawberry} & = & 3 \\ \text{Lemon} & = & 5 \end{array}$$
$$\text{Strawberry} + \text{Orange} + \text{Watermelon} + \text{Lemon} = 3 + 9 + 3 + 5 = 20$$

## KS3 News

### Year 9 Computer Science

Year 9 Computer Science pupils have been producing excellent digital graphic designs, as part of their digital graphic unit. The pupils were given a task to create a front cover for a new video game using 'PhotoPea' the pupils were taught some manipulating techniques to help them get started. Their client brief involved creating their own game developer logo before creating a video game cover for a game based in New York around a crime fighting dog that was trying to save its beloved squeaky toy. As you can imagine, we had some very creative and interesting creations!



Mr Power  
Head of  
Department



Mrs Gilland  
Classroom  
Teacher



Mrs Phillips  
Assistant  
Headteacher

### Year 8 Computer Science

Computer Science pupils in Year 8 have been learning all about how computers communicate through Binary. How any media (text, video or audio) has to be translated into Binary in order for the computer to process it. Pupils have been looking at character sets such as ASCII and Binary before learning how computers process images through pixels, then learning how each pixel is given a unique colour on screen. Each class were challenged to create their own pixel art like a computer and prizes were awarded to the most creative.



### Year 7 Computer Science

Pupils in year 7 Computer Science lessons have been learning about computer systems and internal components of a computer. They have been learning how the Central Processor plays such an important role in our digital devices and why it is known as the 'Brain of the Computer', along with other important internal and external components. They have also learnt the difference between input and output devices along with hardware and software applications.



A small group of our Year 7 pupils have been working with a team from Liverpool John Moores University, discovering how AI is being utilised to help preserve and monitor wildlife around the world. They recently went to Knowsley Safari Park to see first hand how the technology works and how humans must train the AI to become effective and efficient.



### Year 10 Digital Information Technology

Year 10 pupils have finished their first unit of coursework. They produced some truly excellent User Interfaces to meet the component requirements! Their hard work and practice during the Winter term has really paid off. We are now focusing on theory for our mock exam in the Summer. It is really key that pupils catch up on any work they have missed, all the work is available online on their Google Classroom.

### Year 11 Business Studies

Year 11 have completed a mock GCSE exam, giving them vital experience at answering case study questions and applying all of their understanding within the time constraints. Pupils have been given their results and have spent time developing their answers to try and achieve maximum marks on exam style questions. Pupils have also finished a unit on market growth, another key topic from the GCSE curriculum. The pupils can scan the QR code below which will take them to the course content for revision:



## British Science Week

Our pupils had great fun throughout British Science Week with lots of activities such as the Dissection Section with over 50 pupils enjoying dissecting hearts, eye balls and lungs at lunchtime. We also had pupils live tracking sharks, alloying 2p coins to make them look gold, a flash bang show and making balloon cars.

We ran a Science Fact Hunt and a Poster Competition on the theme of 'TIME' with the following winners who took home some prizes including books, a microscope and a Lego Orrery!

Kaye H (Yr 7)  
Mark O (Yr 7)  
Lily J (Yr 7)  
Lucy G (Yr 7)  
Sian C (Yr 7)  
Dawid A (Yr 8)  
Nyasha G (Yr 8)  
Ava H (Yr 10)  
Yoana G (Yr 10)

## Lego Club



## House Challenge

Over the past 2 weeks Form Tutors and Teachers have been awarding extra House Points for those pupils who are **'always getting it right'**

The winning house will receive a prize in the last week of half term

**Will you help your House to succeed?**

**Respectful**

**Committed  
&  
Outstanding**

**Equipment  
And  
Planners**