



NEWSLETTER

Friday 21st June 2024

Headteacher Message

Dear Parent/Carer

Our Year 11 cohort have now completely finished their examination series. The final GCSE examination (Food and Nutrition) took place on Wednesday and the pupils are now able to relax and enjoy their extended summer break.

We have been focusing on Years 7-10 this week and the end of year assessments for these cohorts are well underway.

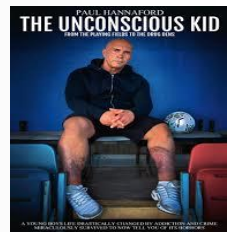
We were also delighted to welcome Paul Hannaford into school this week. Paul is an independent drug and crime lecturer, who has spent the last 10 years educating people on the dangers of drug and alcohol addiction, gang involvement and knife crime, by sharing the details of his own challenges and his road to recovery. Pupils were transfixed as they heard Paul's powerful and emotional story. We truly look forward to welcoming Paul back to LDA in the future.

Next week we are looking forward to the Dean Trust Active Challenge, which is being held at the Earl of Derby's estate Knowsley Hall on Tuesday and we are continuing with our plans for our end of year celebrations and our areas of focus for the next academic year.

With kind regards,

V. Gowan

Miss V. Gowan
Headteacher



This week's numeracy puzzle

Using the clues below, find the answers to the calculations given:

CLUES:

$$\triangle + \triangle = 6$$

$$\circ + \square = 8$$

$$\triangle + \circ = 4$$

$$\square + \diamond = 10$$

$$\triangle + \square + \diamond = ?$$

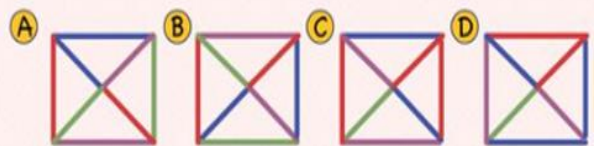
$$\circ + \square + \triangle = ?$$

$$\square + \square + \diamond = ?$$

$$\triangle + \square + \diamond + \circ = ?$$



Last week's answer



C as it is the only one with two red lines facing each other on the square to give the correct base.



Mr Power
Head of
Department



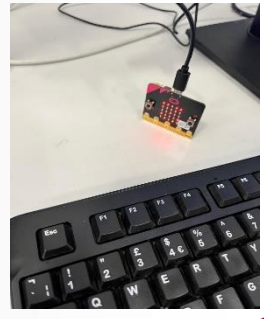
Mrs Gilland
Classroom
Teacher



Mrs Phillips
Assistant
Headteacher

Year 7 Computer Science

Pupils in Year 7 computer science lessons have been learning about Microbits and learning how to create their own programs on them. They have been learning how to create small graphics that can be displayed, how to repeat different displayed patterns and some pupils have even learned how to take user inputs to determine the pattern displayed! This unit has really allowed pupils to show off their programming skills and to be as creative as possible which was a pleasure to witness. We had all sorts of designs, from hearts, boats to even scrolling messages.



Year 8 Computer Science

Computer Science pupils in Year 8 have been learning all about how to program small chunks of code in Python, an industry standard programming language. They have been able to display messages, accept and assign user inputs into variables correctly and they have even worked towards using IF statements to create an interactive quiz of their own choice. The classrooms were swept with Euros fever with one Year 8 pupil even creating a quiz about the history of the competition. Can you work out what their code below will do when it runs?

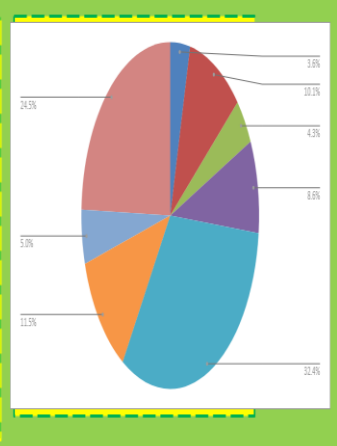
```
print("Who will win the Euros?")
winner = input()
if winner == "England":
    print("It's coming home!")
else:
    print("Not a chance, they are rubbish!")
```

Year 9 Computer Science

Year 9 pupils in computer Science have been creating and producing spreadsheets using Google Sheets. They have been learning how to populate tables, define functions and formulas, as well as trying to some professional practice skills such as using COUNTIF and VLOOKUP. This practice gave them a look at how data must be first collected before it can be beautifully represented using charts and tables. At the end of the unit pupils put all of their skills together and used Chester Zoo as a real-life scenario for their spreadsheet work. Who would have thought feeding meerkats would cost so much?

Zoo Animals	Number	Cost	Total
Zebra	5	£23.25	£116.25
Camels	14	£48.00	£672.00
Elephants	6	£27.78	£166.68
Giraffes	12	£65.00	£780.00
Pelicans	45	£13.63	£613.35
Lions	16	£83.00	£1,328.00
Tigers	7	£27.00	£189.00
Meerkats	34	£46.00	£1,564.00
		Lower Animal Cost	£116.25
		Highest Animal Cost	£1,564.00
		Average Animal Cost	£695.91

- Using a formula to calculate the total cost of keeping each type of animal.
- Using a function calculate the grand total in cell E12
- Format the cells which show money to a £ sign and 2 decimal places.
- Format the table using borders, fonts and colours and alignment. Make sure your choices are appropriate and professional.
- Add a row in between row 6 and 7 and add an animal of your choice to the table.
- Calculate the highest, lowest and average cost of the animals and write your answers in cells
- Change the width to ensure all of the text fits in the cells.
- Create an appropriate graph to show the total cost of each animal. Place the graph in the space provided.



Year 10 Business Studies

Year 10 have completed all of the content for their first GCSE examination and are now preparing for the end of year mock exam. Pupils will be given their results after our mini results day in school and will then spend time developing their answers to try and achieve maximum marks on exam style questions.



Pupils can scan the QR code which will take them to the course content for revision:

Good luck to all those Year 10 pupils during their exams!

Year 10 Computer Science

Year 10 pupils have finished their Computer Systems unit and are now preparing for the end of year mock examination. All pupils should be using the online resources through Google Classroom to practise their coding 2-3 times a week for 20-30 minutes a time. Any independent practice at programming will really set the pupils up for their GCSE examination on python next year. A great free Python coding course can be found at the following link:

<https://www.codecademy.com/catalog/language/python>

<https://www.sololearn.com/>



Careers

WELCOME TO GENERATION LOGISTICS.

Logistics is at the heart of modern life. It's well-stocked supermarket shelves, the provision of vital medical supplies, complex global trade networks and everything in between. It's the sector that keeps the UK trading and the world turning.

Essentially, logistics is getting the right things, to the right place, in the right quantities at the right time according to the needs of the customer.

But it's even more than that. It's a sector that's at the forefront of innovation and technology. Yes, it's trucks, planes, trains and ships, but it's also artificial intelligence, advanced robotics, autonomous vehicles and the decarbonisation of the supply chain.

In other words, logistics is a vision of tomorrow's world - a vision that depends on securing the ingenuity, skill and ambition of today's people. That's you!



Next week is '**Generation Logistics Week**' as part of the National Careers Week Programme. This will include a Virtual Careers Fair with a variety of employers and sponsors from across the country. There are lots of great resources to support any future careers in logistics and videos from employees who have been through the apprenticeship and intern process. To find out more about the wide variety of roles within this industry, visit:

<https://glw2024.co.uk/>

A full copy of the programme can be downloaded by accessing the following link:

<https://www.lordderbyacademy.co.uk/parents-pupils/careers-education-information-advice-and-guidance/>



Is your child looking for an apprenticeship? If so, have you signed up to the Amazing Apprenticeship Newsletter? Here you will find a wealth of information in relation to apprenticeship opportunities and vocational education.

<https://amazingapprenticeships.com/newsletter/>

Year 10 Scientists enjoy our annual trip to London

Last weekend, Miss Fitzsimon and Mr Hoslett took a fantastic group of Year 10 pupils to London for 3 days. We visited the Natural History Museum where we spent time in the Evolution exhibition looking at stone tools and early human skulls, which supports a topic Year 10 have been studying this term. We visited the Science Museum's WonderLab where the pupils experienced hands-on science experiments. We also went on the London Eye and marvelled at the engineering and physics involved in the construction, as well as visiting the Tower of London and taking a cruise on the River Thames. It was a packed schedule but we still found time to revise on the coach home in readiness for the pupils' exams this week!

It was a wonderful few days away and the pupils were a credit to themselves and the school.

