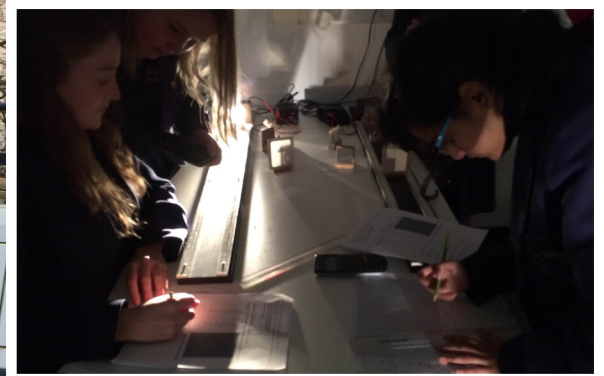


NEWSLETTER



Cambridge Physics Trip

Year 11 pupils travelled to the University of Cambridge Cavendish Laboratory (Department of Physics) and several of the constituent Colleges of the University, including Magdalene College. The aim of the trip was to encourage pupils to take up Physics in the next stage of their education; to raise aspirations among talented scientists, and to help prospective applicants understand the collegiate structure of Cambridge University. The trip made pupils realise how accessible Cambridge University is for those pupils who are passionate about their subject and willing to work hard. One student said:

"I thought Cambridge was only for rich, private and grammar school pupils but now I know anyone can go if you work hard enough".

The pupils spent a day exploring what it would be like to study Physics at the University of Cambridge. The morning was spent in the Cambridge Colleges, for sessions led by Schools Liaison Officers and current undergraduate pupils. After lunch, pupils were taken to the Department of Physics where they experienced a university laboratory and had a hands-on experience of science outside of the classroom. The session included an introductory interactive lecture followed by practical experiments and workshop sessions. Our pupils were outstanding in the lecture and the practical experiment, shining amongst the other schools at the event.

Remembrance Day.

Armistice Day is on 11 November and is also known as Remembrance Day.

It marks the day World War One ended, at 11am on the 11th day of the 11th month, back in 1918.

A two minute silence is held at 11am to remember the people who have died in wars.

There is also Remembrance Sunday every year, which falls on the second Sunday in November.

There are usually ceremonies at war memorials, cenotaphs and churches throughout the country. Image caption Soldiers observing the two minutes silence.

The anniversary is used to remember all the people who have died in wars, not just World War One.

This includes World War Two, the Falklands War, the Gulf War, and conflicts in Afghanistan and Iraq. Why do we hold a two minute silence?

The first two minute silence in Britain was held on 11 November 1919, when King George V asked the public to observe a silence at 11am.

This was one year after the end of World War I.

He made the request so “the thoughts of everyone may be concentrated on reverent remembrance of the glorious dead”.

Coming up

This Week - w/c 09/10/15 (Week 2)

Birkenhead Town Hall -
Youth Parliament

13/11/15

Review Day 7 & 10
Warner Bros Studio Tour

Next Week - w/c 16/10/15 (Week 1)

18/11/15

PSHE P2
Duke of Edinburgh Award
Celebration Evening

19/11/15

Year 12 & 13 Theatre Trip to Liverpool
Playhouse
Duke of Edinburgh Award
Celebration Evening

21/11/15

Wintery Walk in New Brighton



**Friday 13th November 2015 is Review Day for Years 7 & 10.
Years 8, 9, 11 & Sixth Form are to complete set work at home.**

STEM Club

This LP begins the launch of STEM Club in the Science department.



What is STEM Club?
It is a club which encompasses Science, Technology, Engineering and Maths and offers loads of opportunities to get involved and do some fun things in these subjects that you would not normally do in class.

This LP we are:

- Entering a competition to produce a poster on copper which could bag the winner £100!
- Entering a competition to make the most efficient wind turbine which could win the entrants and school a total of £1000!

- Making Science mayhem using simple ingredients from the kitchen
- Making a model avalanche to help scientists to predict what may happen in future avalanches.
- Going on a trip to build a robot and compete against other schools in Robot Wars, we could win a £750 robot kit for the school and compete in a national competition.
- All this and more..... we will get to meet real scientists and earn credits towards a bronze CREST award which looks great on college or university applications.
- Later on... we will be getting involved in Formula 1 for Schools, competing in the Big Bang Show and even having a Bio Bake Off!

Where and when?

S3 Wednesday 3.30- 4.30pm. Come along and see what is going on!

Revision Schedule for Science

WK	Tuesday	Unit 1 (Core Yr 10, Triple Yr 10 & Yr11)
2/2	10/11/15	Biology- Keeping Healthy
2/3	17/11/15	Chemistry- Fundamental ideas
2/4	24/11/15	Physics- Energy transfer by heating
2/5	1/12/15	Biology- Coordination and control
2/6	8/12/15	Chemistry- Rocks and building materials
2/7	15/12/15	Physics- Using Energy

KS4 Revision - 3.20-4.30 Sc6 & Sc7

WK	Thursday	Unit 2 (Additional Yr 11 & Triple Yr11)
2/2	12/11/15	Physics- Motion
2/3	19/11/15	Biology- Cells, Tissues and Organs
2/4	26/11/15	Chemistry- Structure and Bonding
2/5	3/12/15	Physics- Forces
2/6	10/12/15	Biology- Organisms in the environment
2/7	17/12/15	Chemistry- Structure and Properties

BOGGLE BONANZA!

Boggle requires you to look at the letters provided in the grid.

Your challenge is to create as many words as you can out of the letters provided. You can pick the letters in any order, but you may only use the letter ONCE in each word. The person who finds the longest word wins a prize!

i	v	h	t
o	a	m	a
b	g	u	r
y	p	o	a

See Miss Davis with your answers.

HOY NO CIRCULA		
LUNES		5 Y 6
MARTES		7 Y 8
MIERCOLES		3 Y 4
JUEVES		1 Y 2
VIERNES		0 Y 9

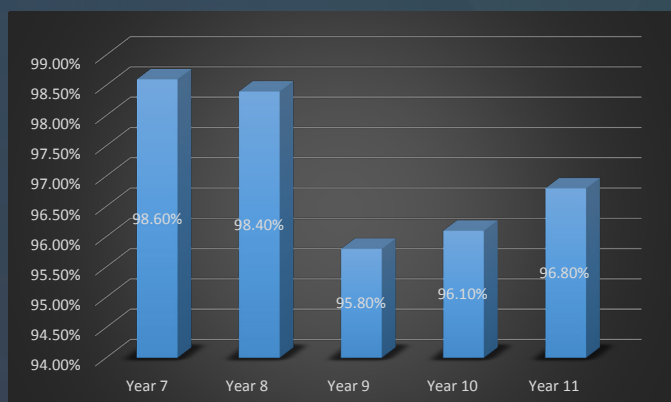
The Environment: No Drive Days

Mexico City is the fifth largest city in the world. Over twenty million people live there, which has had a major impact on the air quality of the city. It has been said that Mexico City's air has gone from among the world's cleanest to among the dirtiest in the span of a generation. At the end of the 1980s Mexico City's mayor started a programme intended to improve the air quality of the city, Hoy No Circula which roughly translates to 'no drive days' were established. Each car is given a coloured sticker to represent a specific day and on that day, you are not allowed to drive your car. This has had a positive impact on air pollution and has demonstrated how one city can come together and make sacrifices for the sake of the environment. Do you think we should have 'No Drive Days' here in England to reduce air pollution?

The first person to correctly translate the following to Miss Gascoigne wins Vivo points!

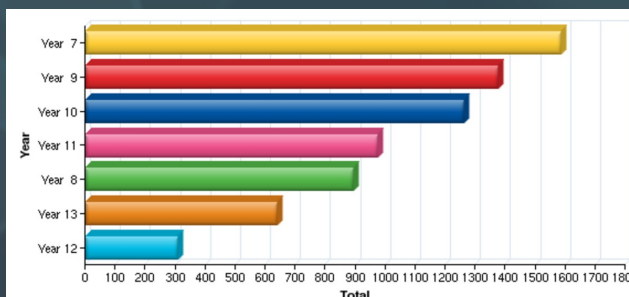
coche **bicho** **medioambiente**
contaminación **ciudad** **aire**
calidad

Attendance 02/11/15 - 06/11/15



VIVO

St John Plessington Catholic College



Weekly Theme "Living Saints"

Mark 12:28 34

One of the teachers of the law came and heard them debating. Noticing that Jesus had given them a good answer, he asked him, "Of all the commandments, which is the most important?" "The most important one," answered Jesus, "is this: 'Hear, O Israel: The Lord our God, the Lord is one. Love the Lord your God with all your heart and with all your soul and with all your mind and with all your strength.' The second is this: 'Love your neighbour as yourself.' There is no commandment greater than these." "Well said, teacher," the man replied. "You are right in saying that God is one and there is no other but him. To love him with all your heart, with

all your understanding and with all your strength, and to love your neighbour as yourself is more important than all burnt offerings and sacrifices." When Jesus saw that he had answered wisely, he said to him, "You are not far from the kingdom of God." And from then on no one dared ask him any more questions.

Prayer

Almighty God and Father
 Increase our faith, hope and love.
 Help us to grown in love and show real concern and care for all those we live and work with.
 Amen