



Our Lady's Catholic High School



Friday, 20 May 2022

The theme this week is The Ascension of the Lord (Luke 24: 46-53).

'And now I am sending down to you what the Father has promised'. (Luke 24:49)

In today's Gospel, Jesus tells his Disciples that they have a job to do. They learned so much from Jesus while He was with them, and now it is time for them to tell others what they have learned. Like the Disciples, we have the gift of faith, but now we need to share it with others. We can do this by living the way that Jesus wants us to live. We can take our love and faith in Jesus and share it with others.

Dear Lord

As we reflect on the Feast of the Ascension, let us remember that we are called to be Christ-like in our thoughts, words and actions. Fill us with your Spirit, that we may do your will. In this way, others will know that we are your disciples.

Amen

GIFT AID

Many of our parents/carers kindly make regular donations to school for the benefit of our pupils which we are able to increase by claiming tax relief through Gift Aid (currently 25p for every £1 donated). Because of this continued generosity, which is greatly appreciated, our pupils are able to get involved in additional activities and we are able to purchase further school resources. Within the last year the Design and Technology Department were pleased to be able to purchase a new laser cutter to replace the original machine which had provided excellent service for 15 years. The new laser cutter is more efficient and much quieter and has significantly increased our productivity. Key stage 3 pupils have continued to be able to make and take home a whole range of high quality products, including photo frames and clocks and Key stage 4 pupils can use their well-practised CAD skills to design and make bespoke products for their GCSE in Design and Technology. If you would like to make a donation, please let us know.

For parents/carers who currently donate please could we kindly ask that if any of your details have changed, i.e. name or address, you are no longer a tax payer or you have paid insufficient tax during 2021/22 to cover the tax that will be reclaimed on all your donations, please email Mrs Y Reeves in the Finance Office yre@olchs.lancs.sch.uk. Thank you.

AUTHOR VISIT

On Wednesday, 22 June the acclaimed historical fiction author, Paul Dowswell, will be visiting Our Lady's and sharing the knowledge on which some of his books are based. All pupils from Year 7 to 10 will be attending his talks. Please may we ask that a voluntary donation of £1 per pupil is made through SCOPay before the event.

More information about the author can be found at <https://pauldowswell.com/>

SCIENCE IN THE NEWS

If you can tell your science teacher the answers to the questions you can earn a point.

Marine scientists are listening in to the secret world of an elusive species of dolphin by examining their unique sounds in an attempt to better protect them.

Question 1: What is the scientific term for the process by which dolphins measure distances?

<https://www.bbc.co.uk/news/uk-scotland-61168165>

Podcast

Sweet moves! The waggle dance of the honey bee is helping to create faster delivery routes.

Question 2: In a bee hive or colony what is the role of female worker bees?

<https://www.bbc.co.uk/sounds/play/p0b9bl1l>

Video

You may have heard of smart meters but what about smart sockets? A start-up company has developed a smart socket that tells you whether the energy currently available at the socket is coming from renewable or fossil fuels. The socket also sends data via the internet to your computer where machine learning spots patterns of usage and turns off things that are wasting energy.

Question 3: What percentage of energy is estimated to be wasted in a typical office?

https://www.bbc.co.uk/news/stories-61030903?ns_mchannel=social&ns_source=twitter&ns_campaign=bbc_live&ns_linkname=61030903%26This%20plug%20socket%20tells%20you%20if%20your%20energy%20is%20green%262022-04-09T23%3A00%3A15.000Z&ns_fee=0&pinned_post_locator=urn:bbc:cps:curie:asset:a9e0679e-f23f-4f7a-a595-1c76676bff3e&pinned_post_asset_id=61030903&pinned_post_type=share

Home Research

In his lifetime Lewis Latimer obtained a total of eight patents for his inventions including those for improvements to the electric lamp and the manufacturing process of incandescent light bulb filaments. But he also drafted patents for two other famous inventors.

Question 4: Who were those two other famous inventors?

Dates to remember

Friday, 27 May – School closes for half-term

Monday, 6 June – School opens

Thursday, 21 July – School closes for the Summer Holidays at 12.45 pm

Friday, 2 September – School opens for Year 7 and 11 only

Monday, 5 September – School opens for all pupils

Friday, 7 October – INSET day school closed for all pupils