



Our Lady's Catholic High School



Friday, 24 June 2022

The theme for next week is St Peter & Paul. (Matthew 16:13-19)

You are Peter and, on this rock, I will build my Church.

Peter denied Jesus three times, but he returned as the rock to strengthen and lead the Christian community. Paul had persecuted Christians but changed his ways to become a great apostle who shared the message of Jesus far and wide. Both were martyred for their faith. Both had a love for Christ. Therefore, we celebrate them on the same day. Let us reflect on how we can become an advocate for Christ! Do we need to make a change?

Lord, thank you for giving us examples like Saint Peter and Saint Paul. Help us to be more courageous with our faith and take away any fear we may have in sharing it with others. Help us to make small changes to be better people and help us to be leaders in our own way.

Amen.

PLEASE BE SAFE IN OR NEAR WATER FROM LANCASHIRE FIRE AND RESCUE SERVICE

Water Safety – The situation

- With temperatures soaring in the UK over next few days and the summer months ahead, it's important to recognise that UK waters are still cold ... so the weather might be hot, but the water is not, and this is when we sadly see lives lost through cold water shock. Here the body is unable to adjust quickly enough to the temperature of the water and becomes weak very quickly, which can lead to tragedy.

Water Safety – Know the dangers

- As well as cold water shock there could be hazards underwater - shallow/hidden rocks or debris which could lead to life changing injuries. The water quality - in many areas, particularly unsupervised places which haven't been risk assessed, is unlikely to be very good quality and could cause life threatening illnesses.
- Many areas of open water are in remote locations. If help is needed phone signals may be poor and help is likely to take longer to arrive than normal - don't take this risk.

Water Safety – Use the water safely

- Stick together and tell someone where you are going. This includes dog walkers, cyclists, joggers and anglers who often do these activities alone and don't intend to go in the water in the first place – Do you know where your loved ones are?
- It is best to only swim in open water as part of an organised group where help will be on hand.
- If someone is in trouble in open water, don't panic as this will quickly reduce strength. Instead try to float on your back like a starfish - float to live.
- If help is needed call 999 and ask for the Fire Service if inland and for the Coastguard if by the sea.

WHOLE SCHOOL PRODUCTION 2022

Finally, we can welcome back an audience into our Arts Theatre! I am delighted to invite you to Our Lady's 'High School Musical'. Performance dates are Wednesday 6, Thursday 7 & Friday 8 July and the show starts at 7.00 pm. For the past eight weeks students have been working tirelessly after school, during their lunch and breaktimes to produce this fabulous musical. As always, the full cast and band are students. Tickets have already been released to the cast members and are selling out fast. Families can purchase tickets via ScoPay. Let's fill the Arts Theatre with joy and laughter as we sing and dance to a Disney classic. I hope to see you there. Mr Pill

ROUNDERS NEWS

On Thursday Year 8 travelled to Ashton to play a friendly, ready for their tournament on Monday. Our Lady's won the toss and decided to let Ashton bat first. We didn't settle initially into our fielding positions and with a few changes things seem to flow a little better. After Ashton's first innings they scored 4 rounders. It was then Our Lady's

turn to bat. With some good hits from all players, we managed to score a fantastic 8.5 rounders. Second innings was much smoother. We fielded better and took opportunities without delay. Final score Our Lady's 17.5 Ashton 9. Huge well done to all girls involved.

The Year 7 Rounders team had their first fixture away at Ashton on Thursday. The girls have been training hard at lunchtimes and after school. They won the toss and chose to field, making an excellent start. Meera Patel bowled consistently under pressure. Emma Finnigan made lots of quick catches as backstop and was able to distribute the ball quickly to either Charlotte Potts on first base or Evie Mitchell on second to get numerous Ashton batters out early. Georgia Collum was excellent in deep field quickly getting to any big shots hit by Ashton and throwing accurately to the correct bases to minimise Ashton's scoring opportunities. As a result of our tight fielding, we got Ashton out after just 22 of their 27 bowls. Our Lady's kept up the pressure when we came into bat, accumulating 8 rounders in the first innings compared to Ashton's 3.5. This continued in the second innings where Our Lady's continued to dominate, eventually winning the game 15.5 to 6. This has given the girls a fantastic confidence boost in preparation for their tournament next Monday.



TEACHER TRAINING STARTING THIS SEPTEMBER

The Catholic Teaching Alliance, based at Our Lady's is accepting applications for the remainder of this term. Minimum requirements are GCSEs in Maths and English (and Science for primary training), plus a degree. Teacher training is available in all phases (PGCE with QTS):

- Early Primary (3-7 years)
- General Primary (5-11 years)
- Secondary (11-16 years, in Preston or Blackburn)

Please contact us for further information, or to book onto one of our online information sessions, call 01772 326931 or email ctaschooldirect@olchs.lancs.sch.uk Website: <https://www.catholic-teaching-alliance.org/>

SCIENCE IN THE NEWS

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

Quantum computers have the potential to be significantly more powerful than today's conventional computers. Now the UK Ministry of Defence has taken delivery of their first one and is using it to investigate the possible applications of quantum technology in defence.

Question 1: In a quantum computer, what is the name given to the two-state unit for data processing?

<https://www.bbc.co.uk/news/technology-61647134>

Podcast

What determines what a species is and whether they can or cannot inter-breed? Listen to the podcast talking about Tigons and Ligers and then answer the following question.

Question 2: What is the term used for the systematic naming of all living things?

<https://www.bbc.co.uk/sounds/play/w3ct1cx6>

Video

Three all female teams are preparing to row non-stop around Britain. But this is not just about the physical challenge as the boats are also engaged in an environmental survey. Watch the video and then answer the following question.

Question 3: What samples are being collected by each boat?



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https://www.bbc.co.uk/news/uk-england-hampshire-61759826?ns_mchannel=social&ns_source=twitter&ns_campaign=bbc_live&ns_linkname=61759826%26Round-Britain%20rowers%20to%20collect%20pollution%20data%262022-06-11T07%3A37%3A22.000Z&ns_fee=0&pinned_post_locator=urn:bbc:cps:curie:asset:bc7c745b-6dec-451d-9240-f95cb2fc8aea&pinned_post_asset_id=61759826&pinned_post_type=share

Home Research

We are all familiar with the Celsius scale where temperatures are measured in degrees Centigrade. Maybe, if you are a little older, you will also know about the Fahrenheit scale. There is another scale, called the Kelvin scale, where temperatures are measured in degrees Kelvin. The coldest possible temperature anywhere in the universe is zero degrees Kelvin which is referred to as absolute zero.

Question 4: What is zero degrees Kelvin when measured on the Centigrade scale and what can you say about molecular energy at this temperature?

Dates to remember

Thursday, 30 June – New Parents evening at 7.00 pm in the Arts Theatre

Monday, 4 July – Year 8 and 9 pupils remain at home

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

Friday, 21 October – school closes for half-term at 3.30 pm

Monday, 31 October – school opens