



## From the Headteacher...

I particularly enjoy visiting the nursery and always feel welcomed by the warm, caring and friendly nature of the nursery team. Every time I visit them, the children are fully engaged in so many activities and the dedicated staff are amazing. On Wednesday afternoon, we held our nursery New Starters Induction and this was well received.

You will have now received my correspondence in regard to cancelling our Open Morning tomorrow. I am saddened to have to make this difficult decision but I believe it is the right one for the school community. We pride ourselves in ensuring that pupils are nurtured and cared for in a supportive environment and the wellbeing, health and safety of pupils and staff is paramount. We will be offering personal visits to pre-registered prospective families and other interested visitors in due course. Thank you for your support and understanding.

Over the past two weeks I have been meeting with Year 13 students individually to discuss their progress and opportunities ahead of university. They are working hard and taking on board the advice of the teaching staff in preparation for their examinations.



We are keen to encourage all pupils to read a book on Friday morning and following on from World Book Day we are pleased that the interest continues and that they have the opportunity to share stories. As Jane Austen said, "there is no enjoyment like reading".



Paula Anderson – Headteacher  
@Challoner\_head

## Mission Statement

Through faith and a broad education, Bishop Challoner School strives to develop and nurture each child's unique talents. To Live, Love and Learn like Christ and fulfil their true potential in an ever changing world.



# Science Week

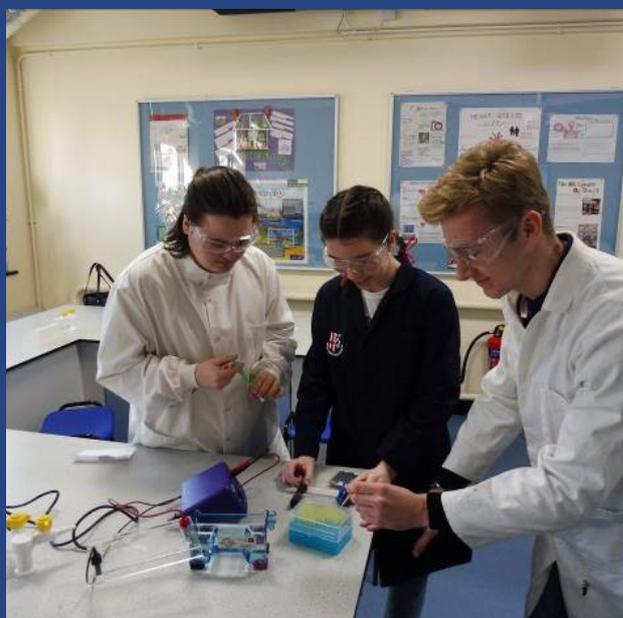
This week is Science Week, which started with the year 13 biologists who ran gel electrophoresis. The year 12 physicists experimented with polarisation of light and microwaves. The year 12 chemists have been working on isomerism in organic chemistry. Our year 12 biologists evolved through the meanders of biodiversity.

In Key Stage 4, year 11 triples science group experimented with gas pressure and lipase with milk. The year 10 students and the 11 double groups looked at permanent and electro-magnetism. The year 10 chemists worked on their chemical calculations.

The year 9 pupils took part in an online Biology Challenge, the study of structures and bonding in chemistry and the study of resistors, diodes and filament bulbs in physics. Year 8 pupils worked on energy from food, fuels and compared it to typical human activities. Some of our year 7 pupils took part in a forces circus and studied the effect of drag when using parachutes. The second group experimented with sound in a vacuum and observed sound traces on an oscilloscope.

Stem club continued with the programming of remote controls and also looked at the demonstration of the custard tin experiment.

Dr Piccio - Head of Science



## EXTRA-CURRICULAR

# British Science Week In Eco Club

The 2020 British Science Week theme is centered on 'our diverse planet', with different ways to celebrate our amazing ecological, cultural and societal diversity. In Eco club this week we investigated and imagined 'our diverse planet' and everything that makes it special. We discussed biodiversity from our gardens to the bottom of the ocean and researched about amazing animals that live on our planet.

Science affects our lives in so many diverse ways and is something we use every day in baking and cooking, taking a photo or operating a car. Science is everywhere.

Eco club made posters on our diverse planet which will be



entered into the British science week poster competition.

Good luck and well done Eco club.

Miss Ruston - Eco club co-ordinator

## JUNIOR SCHOOL

# Stars of the week

Here are our Junior Stars for this week.

Rec Isabella - For excellent independent work in maths.

Year 1 George - Having a lovely attitude to all work.

Year 2 Jessica - Great work in maths lessons this week.

Year 3 Nicole - A wonderful effort in English.

Year 4 Cecilia - For showing perseverance in completing tasks.

Year 5 Erika - Constant effort and achievement in maths.

Year 6A Tyler - For excellent descriptive writing.

Year 6& Krishnan - For continued effort in class.

Congratulations to all our stars. We are very proud of you.

Ms Barker - Head of KS1 and KS2



# A busy week for year 3

We have had an exceptionally creative week in year 3.

To help us tell the time we made some fantastic clocks which we have been using in our mathematics lessons.



As part of our topic of Forces: Pushes and Pulls, we have been conducting experiments using magnets, involving repelling and attraction. Here are some pictures of us using magnetic wands and magnetic cars to 'repel' the cars across a surface.



We have also been fortunate to invite Miss Ruston from the science department to discuss magnetic and non-magnetic materials. It is a myth that all metals are magnetic.

Mr Fitzgerald - Year 3 Teacher



## NURSERY NEWS



The children in the nursery have been learning about the life cycle of a daffodil and how to grow a plant. In November they all planted a daffodil bulb and have been patiently waiting for them to grow and flower and have been decorating their pots before taking their plants home.

Mrs Murphy - Nursery Practitioner



## CHAPLAINCY

Thursday, 12th March was World Water Day and for our assembly, Kevin Lawler from CAFOD spoke to us about 'Life without taps.' We were introduced to the beautiful country of Zimbabwe and asked to consider the challenges facing this country due to the lack of fresh water. Mr Lawler spoke about the six basic needs that we have for fresh water: drinking, cooking, personal hygiene, cleaning, drinking water for animals and water for crops.

Mr Lawler gave us some statistics; for example, in the UK on average each person uses 200 litres of fresh water a day, in Zimbabwe the average person only uses 10 litres a day. On average it takes six hours of walking, while carrying heavy canisters, to get enough water for one day. Unfortunately, 884 million people do not have access to clean drinking water in the world and sadly a child dies every 20 seconds from diseases caused by dirty water.

In Zimbabwe, due to severe drought, people often have to travel long distances to get water and it is often contaminated. It is mainly women and young girls who are given the task of collecting the water, which means that they are unable to go to school.

However, there is hope and CAFOD are at the forefront in the fight to give people access to fresh water around the world. For example, CAFOD have developed solar motorised bore holes that drill deep into the earth where there are large reservoirs of fresh water. One motorised bore hole costs £8,000 but provides a permanent source of fresh water for an entire village. This means that girls can go to school and the village is able to be self-sufficient and healthy. CAFOD are also building



sanitation systems to improve hygiene.

There are also simple and inexpensive water filters that are just £33 which will provide families with safe water. We are hoping to have a fundraiser in the near future to raise money for this very worthy cause.

Mr Lohan - School Chaplain



In the meantime we invite you to pray with us:

Loving God,

We think of all the people around the world who have no access to clean, safe water. May our gifts, prayers and actions support them as they work to improve the lives of their communities. Together, may we build a world where everyone has access to fresh water, can go to school and can achieve their potential.

Amen



## SAFEGUARDING ESSENTIALS...

TikTok is a social media app designed to allow users to create short videos and live broadcast clips, predominantly with a music theme. The app allows users to set their accounts as private, allowing only people they approve to view their content. However TikTok has recently announced the latest app feature designed to support online safety. Parents will now be given tighter control over the app settings. For further information please visit: <https://www.bbc.co.uk/news/technology-51561050>

Mrs Woolaway - Designated Safeguarding Lead

Advance Notice:

PTA Race Night – Friday 20th March, 2020

The event organisers have decided to cancel their events during March and April due to the current Coronavirus situation in the hope that this helps any further spread.

Karan Reid - PTA



## Race Night

## DATES FOR YOUR DIARY - THESE MAY BE SUBJECT TO CHANGE

Tuesday  
17 MARCH

- Year 2 Trip to Florence Nightingale Museum, 9.30am
- Year 11 GCSE Musical Recording

Wednesday  
18 MARCH

- Year 8 Parents' Evening, 5pm

Thursday  
19 MARCH

- PTA Meeting, 8.45am
- Year 7 Trip to Handel and Hendrix House, 11am
- Junior School Recital, 4pm

Friday  
20 MARCH

- 8.30am - Coffee morning (this has now been postponed)
- EYFS and KS1 Mother's day Celebration, 9am
- Year 3 Trip to Penshurst Place, 9am

