

# St. Bede's Catholic College

## Specialist Science and Sports College



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## Newsletter

Issue 295 20th March 2020

### YOUNG ENTERPRISE

Congratulations to our Young Enterprise team 'Books of Life' who won overall **Best Team** at The Mall trade fair on Saturday 7th March. The whole team were congratulated on their consistent branding, excellent customer service, and enthusiasm for their cause. They also won the **Best Dragons' Den Pitch** which has allowed them to secure funding from the Dragons! This is the first time that St. Bede's have achieved this award. Year 10 pupils; **Chris Mathew, Albert Jackson, Aleena Thomas** and **David Philip-Gherman** were commended on their professionalism, cool and calm answering of tough questions, and their passion for the business.



'Books of Life' now look forward to the Area Finals in April. Good luck!

### REFLECTION – 19 March – St Joseph, the husband of the Virgin Mary This week we celebrate the solemnity of St Joseph

St Joseph was the husband of Mary and the foster father of Jesus. Not a great deal is known about him other than he was a carpenter.

What we do know is that, Joseph was a compassionate, caring man. When he discovered Mary was pregnant after they had been betrothed, he knew the child was not his but was as yet unaware that she was carrying the Son of God. He knew women accused of adultery could be stoned to death, so he resolved to send her away quietly to not expose her to shame or cruelty. However, when an angel came to Joseph in a dream and told him, "Joseph son of David, do not be afraid to take Mary home as your wife, because what is conceived in her is from the Holy Spirit. She will give birth to a son, and you are to give him the name Jesus, because he will save his people from their sins," he did as the angel told him and took Mary as his wife. (Matthew 1:19-25).

**Reflection:** St Joseph was a just man, a tireless worker, the upright guardian of those entrusted to his care. May he always guard, protect and enlighten families.  
*St Pope John Paul II*

#### Prayer: Prayer to St Joseph

Saint Joseph, patron of the universal Church, watch over the Church as carefully as you watched over Jesus, help protect it and guide it as you did with your adopted son.  
Amen



## DATES FOR YOUR DIARY

**23rd March**

Week of Year 7 & 8  
Exams

**3rd April**

INSET DAY  
END OF TERM 4

**20th April**

START OF TERM 5  
Week B

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## YOUNG ENGINEER EXPERIENCE

On Sunday, 8th March Year 11 pupils visited University College, London as part of The Young Engineer Programme. They explored a world of engineering, created solutions utilising aerospace, chemical, biomedical and civil engineering concepts, and worked alongside engineers.

**Miziyanda Hanyana** told us: *It was an amazing experience that allowed us to explore all different fields of engineering. I especially enjoyed the more interactive and practical aspects of the event. We had to build a rocket whilst thinking about the centre of mass and the centre of pressure. Our rocket was the best in terms of aesthetics and performance and we won! I highly recommend this programme to people who maybe interested in a career in engineering.*



## CHEMISTRY OLYMPIAD COMPETITION

Congratulations to Year 13 students **Theresa, Ewan, Renji** and **Carlo** who collectively achieved two bronze and two silver certificates of achievement in the Royal Society of Chemistry's Olympiad competition.

Run annually, the Olympiad is an opportunity for high achieving final year A-level chemistry students to tackle extremely challenging undergraduate level problems that enable them to develop creative thinking and apply their existing knowledge in new and interesting contexts.



## MUSIC MAKERS ACADEMY

Congratulations to year 8 pupil **Morella**, who last Saturday took part in a concert organised by the Music Makers Academy.

Morella performed a duet with her tutor in bass clef. Well done Morella for challenging yourself and overcoming your fears.



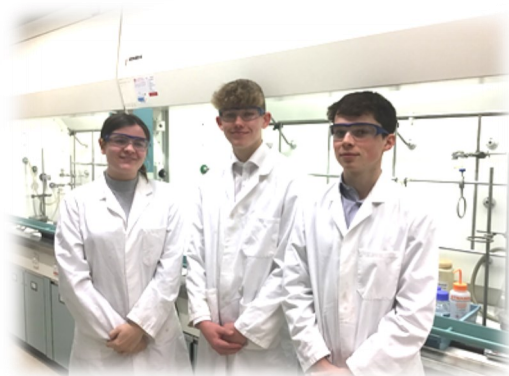
Morella, thank you for allowing us to print your photograph

## ROYAL SOCIETY OF CHEMISTRY'S ANALYTICAL CHEMISTRY COMPETITION

Three of our Year 12 Chemists **Rachel**, **Matthew** and **Oscar** who entered the South West Regional heats for the Royal Society of Chemistry's Analytical Chemistry competition at the University of Bristol.

The competition required our students to undertake unfamiliar, demanding practical problems and a written test; both of which were relevant to the chemical industry.

Competing against a strong field of South West schools, they were judged for their skill, understanding, accuracy and team work. Whilst there was no win for St. Bede's on this occasion, the day stretched our students and expanded their understanding of chemistry beyond the A-level curriculum. An enjoyable day for all. Well done.



## GENETICS ROADSHOW

On Monday 16th March, we were delighted to welcome the Genetics Roadshow to St. Bede's. Dr. Zaida Ayorech and Dr. Kaitlin Wade researchers from the University of Bristol came to speak to all our Year 12 and 13 Biologists.

The provided thought provoking talks on the subjects of "Using genetics to predict risk and resilience" and "Using genetics for Population Health". Both talks provided information into new areas of genetics research as scientists try to work out what part our individual genetics and our environment play in determining risk of developing various conditions.



## VISIT TO NHS BLOOD AND TRANSPORT CENTRE

On Monday 9th March, Year 12 Science students visited the NHS Blood and Transplant Centre in Filton, which is one of three major centres for blood processing in England.

Students were treated to a tour of the manufacturing and testing facilities as well as an opportunity to try out a new VR activity to do a blood typing experiment and make the life or death decision of which blood type to transfuse. In the afternoon students used real blood samples and were provided with lots of information about the range of careers on offer in Biomedical Science.





## **PRAYER FOR HEALTH**

During this uncertain time, the need for prayer becomes even more important.

A prayer issued by the Bishops Conference of England and Wales:

### **General Prayer for Health**

**Christ be with me, Christ within me,  
Christ behind me, Christ before me,  
Christ beside me, Christ to win me,  
Christ to comfort and restore me.  
Christ beneath me, Christ above me.  
Christ in quiet, Christ in danger,  
Christ in hearts of all that love me,  
Christ in mouth of friend and stranger**

## **SAFEGUARDING SPOTLIGHT**

### **COVID -19 Explaining to children**

Children and young people look to adults in their lives to guide them on how to react to worrying and stressful events. They need reassurance on how to stay safe so please refer to 'COVID -19' Advice below:

- Reassure them that health care professionals are working hard to ensure that people throughout the country stay healthy
- Explain that at the present moment very few people in this country are sick with the virus
- Tell them that not everyone will get the full symptoms of the virus and the vast majority who do get the virus recover fully
- Provide direct Government advice, with regular updates as they become available. Having such knowledge can help them feel a sense of control

If the adults in their lives seem overly worried, their own anxiety may rise:

- If they are anxious, let them talk about their feelings and guide them in re-framing their thoughts and concerns to a more helpful way of thinking continue to provide opportunities for children to talk about their concerns, fears, and questions.
- Avoid giving providing personal opinions, try and stick to the Government guidance. It is OK to say " We don't know the answer to that just yet".

### **COVID -19 Advice**

- If you have a new continuous cough and/or high temperature, stay at home and do not leave your house for 7 days from when your symptoms started. You do not need to call NHS 111 to go into self-isolation. If your symptoms worsen during home isolation or are no better after 7 days, contact NHS 111 online. If you have no internet access, you should call NHS 111. For a medical emergency dial 999.
- Wash your hands more often than usual, for 20 seconds using soap and hot water, particularly after coughing, sneezing and blowing your nose, or after being in public areas where other people are doing so. Use hand sanitiser if that's all you have access to.
- To reduce the spread of germs when you cough or sneeze, cover your mouth and nose with a tissue, or your sleeve (not your hands) if you don't have a tissue, and throw the tissue away immediately. Then wash your hands or use a hand sanitising gel.
- Avoid touching your face, eyes, nose and mouth with unwashed hands.
- Facemasks are only recommended for people with symptoms, to avoid passing these onto other people.