

St. Bede's Catholic College

Specialist Science and Sports College

Issue 271 1st February 2019



T: 0117 377 2200

E: contact@stbcc.org

W: www.stbedesccl.org

Tw: STB_Bristol

A WONDERFUL EXPERIENCE FOR OUR YEAR 12 CHEMISTS

Congratulations to Areté Chemistry students **Alexandra Papuc**, **Emily Price** and **Vitoria Mascarenhas De Macedo** who entered the South West Regional Heats of the **Royal Society of Chemistry's Analytical Chemistry competition** at the University of Bristol last week.



The competition required our students to undertake various unfamiliar and demanding practical Chemistry problems relevant to the chemical industry, as well as a written test. Competing against a field of South West Independent schools, they were judged for skill, understanding, accuracy and team work. Whilst there was no win for St. Bede's, the day really stretched our students and provided them with a unique educational experience. Well done.

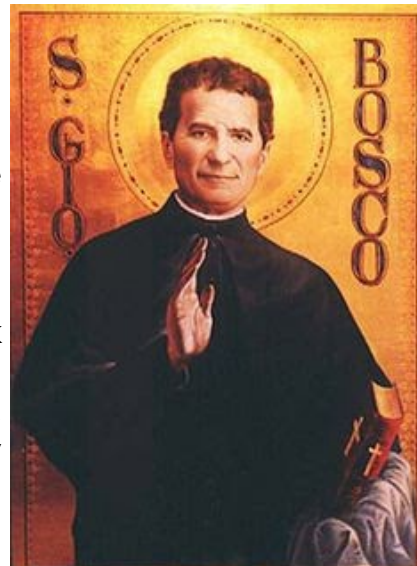
REFLECTION—Thursday 31st January - Feast of St John Bosco

John was raised by his mother and regularly attended church, becoming very devout. Although John's family were very poor, his mother always found enough to share with those who were homeless. After becoming a priest, one of his first assignments was to a poor city, where he began his work with children of the poor.

Whilst visiting prisons, John noticed that a large number of boys, aged 12-18, were inside and he felt moved to help them. He negotiated rights for boys who were employed as apprentices and encouraged some to consider a vocation to the priesthood. After his death, he was canonised and given the title 'Father and Teacher of Youth'.

Reflection: "Don't let anyone look down on you because you are young, but set an example for the believers in speech, in conduct, in love, in faith, and in purity."

Prayer: Lord, we pray that we may be inspired by the work of John Bosco and his dedication to empowering those in need. Help us to encourage the young people around us, helping them to realise their full potential and that they can do anything. Amen.



DATES FOR YOUR DIARY

7th February

A Level Law trip to London

Areté Art Trip to St. Ives

New Date

Year 8 Curriculum Evening
6.30pm

8th February

Year 13 Mock Results Day

11th February

Week of Year 10 & 11 Exams in English, Maths and Science

11th February

Year 7 Exams in English, Maths and Science

14th February

Year 11 & Year 13 Elevate Seminars

14th February

Year 11 Parents' Evening
4.30pm—7.30pm

15th February

Inset Day
END OF TERM 3

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COUNTY ATHLETICS

Congratulations to year 8 girls sports hall athletics team who participated in the county finals at UWE on Monday with some great results! Great team work!



ENGLISH SPEAKING UNION DEBATE COMPETITION

Congratulations to year 11 pupils: **Catriona Davies, John Gompels and Isabel Romero** who represented St. Bede's in the **Bristol Final of the English Speaking Union Debate** competition last week.

Although we did not progress to the next round, the team all performed brilliantly. Well done to **Isabel who was awarded 'Best Questioner.'**



SWIMMING—COUNTY CHAMPIONSHIPS

Congratulations to year 9 pupil **Sean Simmons** who participated in **Gloucestershire Swimming County Championships** on the 20th January.

Sean, had an amazing competition, and scooped 2 Gold medals in the 50m fly and 50m backstroke as well as a Silver medal in the 50m freestyle. He was also awarded the **Junior Champion Trophy** for the 50m fly, securing a time faster than any 15 year old and under in the County. Well done Sean!

SCIENCE AWARD

Congratulations to year 10 pupil **Amy Koikkara** who has received her Bronze CREST award and certificate for her science project on the Periodic Table. Amy tells us a little more about her research:

The United Nations announced 2019 as the International Year of the Periodic Table of the Chemical Elements to mark the 150th anniversary of the first publication of the periodic table by the Russian scientist Dmitri Mendeleev.

But what makes the Periodic table one of the most significant scientific discoveries? First and foremost, it is a grid and a guide to everything in existence. 118 elements make up the foundation of everything that surrounds us. Mendeleev arranged the elements in order of increasing relative atomic mass and by putting those with similar properties below each other into groups. He also left gaps for unfound elements.

Thanks to Mendeleev's work, simply by looking at the position of an element you can tell its atomic mass, reactivity, charge, proton number, the number of protons, electrons and neutrons and its characteristics from the group number.

New elements are being discovered and added even today, the most recent of which include Nihonium, Meconium, Tennessee and Organesson. Organesson, was created by the nuclear reaction of calcium-48 at an energy of 245 million electron volts with a californium-249 target. Yuri Oganessian, an 85-year-old Russian nuclear physicist, is only the second scientist in history to have an element named after him while still alive. It has only been observed as six short-lived atoms.

All this goes to show how Mendeleev's Periodic table of elements, is the very foundation of chemistry, and its importance is apparent and will continue to be so even 150 years later.

STAFF VACANCIES



Governors at St. Bede's Catholic College wish to appoint the following:

- **School Meals Supervisory Assistant (SMSA)** The post is 7.5 hours per week and £8.00 per hour (this will increase to £9.00 in April 2019)
- **Cleaner** This will be a permanent contract of 16 hours per week for which the hours of work are 3.00pm to 6.15pm Monday to Thursday and 3.00pm – 6.00pm on Friday. The hourly rate is £8.00 (increasing to £9.00 per hour in April 2019)
- **Invigilators** to provide support to the examination process within the College. Employment is offered on a casual, sessional basis and the hours of work would be between 8.30 am to 4.30 pm. The main external examinations take place in May/June each year but internal examinations can take place throughout the year.
The hourly rate of pay is £9.00 which includes payment for a proportion of accrued holiday entitlement.

For further information, please see the vacancy section of our website.

CAFOD YOUNG VOLUNTEERS

On 22nd January, the Year 10 CAFOD Young Volunteers group went to All Saints Academy in Cheltenham to meet with the other schools involved in the CAFOD programme.

The day began with a discussion regarding ideas for fundraising and what issues they had faced working as a team. They then took part in an activity that helped them understand the decisions that refugees had to make as they left their homes about the items they could bring with them. The activity was very thought-provoking and pupils reflected on what they could do to help.

It was a great day, enjoyed by all.

HATS THE END OF THE MILD WINTER!

We now are pleased to offer bobble hats to all of our students.

Not only do they make a great winter addition to our uniform, they also help in another way. We'll let their manufacturers 'Noggin' explain how:

"Here at Noggin Sport, we are dedicated to raising awareness of the effects of mental illness in sport. We are a Community Interest Company, where the profits we make go straight into supporting mental health awareness projects across the UK and Ireland."

The hats are available in Small or Large and cost £10. They are available to buy from the PE Department until Half Term and from the College Uniform Shop thereafter.



SAFEGUARDING SPOTLIGHT

Severe Weather arrangements

In the event of severe weather, a judgement will be made early in the morning by the Principal about the closure of the college. Live information will be posted on the College website www.stbedescc.org, our twitter feed @stb_bristol and our college answerphone. We also have the facility to text and email parents provided we have correct contact details, please do let us know if these have changed.

A further source of information on school closures is local Radio, details below:

BBC Radio Bristol – 94.9 fm

Heart – 96.3 fm

The Breeze- 107.2 fm

Unless you hear a closure announcement the College will remain open and your child should attend if you are confident that he/she will arrive and return safely. Obviously we understand that if there is no transport from your area, it is highly unlikely that you will be able to get your child into school.

If a weather front arrives later in any day we may have to close earlier than anticipated. In such circumstances all local authorities have confirmed that transport should be able to arrive early and the College website will be regularly updated with information. Please ensure that your child has a door key to get into the house if you are still at work.

Thank you for your cooperation.

INTER HOUSE COMPETITION

Over the last two weeks **Bell Burnell**, **Descartes**, **Pasteur** and **Seacole** House have been competing in an inter house basketball and Art competition.

With nearly 100 spectators each lunchtime, the basketball competition was fierce and exciting. The PE department were very impressed by the sportsmanship shown by all competitors.

The inter house Art competition was also successful. Playing *Pictionary*, pupils were tested on their speed and drawing skills with energy and passion.

A huge congratulations to all who participated and well done to the winners who have gained points towards the House cup awarded at the end of the academic year.



Lower School Results Term 3	Pasteur	Descartes	Bell Burnell	Seacole
Cross Country	37	30	25	25
Spelling Bee	35	34	28	38
Great St Bede's Bake Off	34	13	33	25
Netball	20	17	15	13
Rugby	15	20	13	16
Basketball	30	32	29	29
Art	30	20	24	16
Total:	201	166	167	162

Upper School Results Term 3	Pasteur	Descartes	Bell Burnell
Cross Country	101	109	94
Spelling Bee	117	121	146
Great St Bede's Bake Off	52	81	43
Netball	70	67	66
Rugby	67	48	74
Basketball	140	139	122
Art	104	92	100
Total:	651	657	645