St Bede's Catholic College
Mathematics Faculty 2021

Leader of Learning and Teaching Mathematics: Mr S Colebourne

Vacancy:

We are looking to appoint a committed professional to our highly successful Mathematics Faculty. Below are some details of the department you would be joining if your application is successful.

Key Stage 3
In Years 7 and 8 the classes are taught in broad ability groups, Top, Middle and Lower Band. There are three top sets in current Year 7. In year 9 the classes are set in tandem with Science. We are developing our practice in mastery, and have introduced a new scheme of work (WhiteRoseMaths) in Year 7 to support this – the current Year 7 cohort will follow this scheme of work as they progress through the school.

Key Stage 4
At Key Stage 4, all pupils follow the Edexcel GCSE syllabus. Classes are set according to ability against a Science banding. As one would expect, our results at GCSE are significantly above the national picture with the following percentages achieving Grades 9-4 in the past four years:
2017 83%, 2018 81%, 2019 90%, 2020 90%.

Key Stage 5
We currently have two Year 12 and two Year 13 classes studying Mathematics A level (Edexcel). In addition, we have two Year 12 classes studying for the AQA Maths Studies level 3 qualification in one year.

We also offer Further Mathematics and Economics at A level and have a group studying each subject in Years 12 and 13.

Resources
A wide range of resources are employed across the age and ability range, and a text book is available to assist the learning in all classes. Harper Collins is the main text supported by Elmwood Press GCSE Maths at Key Stage 4. At Key Stage 3 we mainly use the Elmwood Press Books with support from other materials. The Mathswatch website is used to support home learning. For the A level Maths courses we are using the Pearson on-line digital text books and support materials, and for the Maths Studies we have 2 different comprehensive texts to facilitate the course.

Computing
We continue to develop IT in Mathematics. We use spreadsheets and Geogebra when appropriate. The Faculty has access to the college's purpose built IT suite equipped with up to date multi-media machines. All dedicated Mathematics rooms have digital projectors and interactive whiteboards which are used extensively. The Mathematics teachers use Google Classroom to good effect as a learning and revision tool as well as 'Show my Homework'.

Enrichment
A number of enrichment opportunities are available, including classes at the University of Bristol and the University of the West of England, Maths Challenge and lunchtime clubs in both Mathematics and STEM. There is room for development in the range of opportunities available for middle ability children.

Vacancy
The person suited to this post will be expected to contribute to our future development of Mathematics and raise standards even further. We aim to develop the best of what we do and look for new ideas where necessary. The faculty prides itself on developing great teachers.

May 2021