

St Bede's Catholic College
Mathematics Faculty 2023

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 groups based on prior attainment and baseline assessment data, 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 - students follow a curriculum adapted from the White Rose Maths scheme of learning.

Key Stage 4

At Key Stage 4, pupils currently follow the Edexcel GCSE syllabus. We are currently developing a five-year curriculum that will better support students to be successful. Classes are set according to prior attainment 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: 90% in 2019, 90% in 2020, 91% in 2021 and 91% in 2022.

Key Stage 5

We currently have two Year 12 and two Year 13 classes studying Mathematics A level (Edexcel). In addition, we have a Year 12 class studying for the AQA Maths Studies level 3 qualification in one year. We anticipate running three A Level Maths classes for the cohort joining the sixth form in September 2023.

We also offer Further Mathematics have a group studying the subject in Years 12 and 13, with students typically studying Decision Mathematics 1 and Further Mechanics 1 as their options.

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 Sparx Maths website is used to set and check 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 use IT in Mathematics to support learning. We use spreadsheets and Geogebra when appropriate. The Faculty has access to the college's purpose built IT suite equipped with up to date machines. All dedicated Mathematics rooms have large touch screen TVs and traditional whiteboards. The Mathematics teachers use Google Classroom to good effect as a learning and revision tool as well as 'Class Charts'.

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 2023