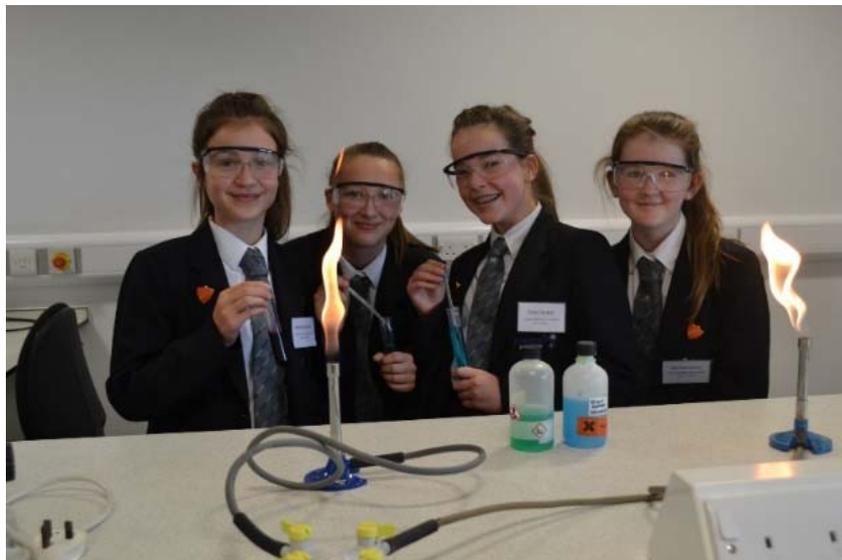


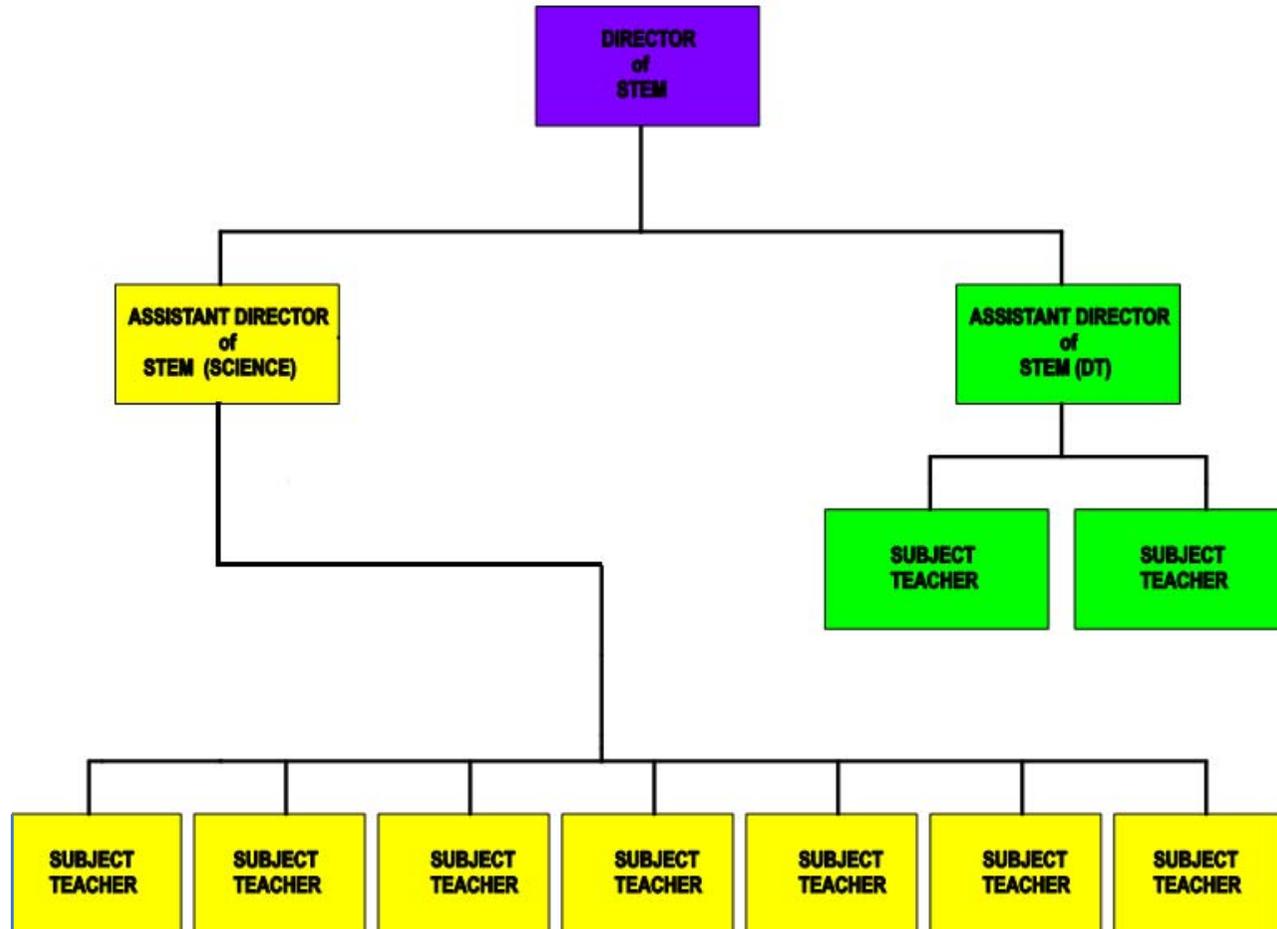


FURNESS
ACADEMY

Science Department



About the Science Department at Furness Academy



Furness Academy Science Department

The science department at Furness Academy is a welcoming, dedicated unit consisting of six motivated and experienced teachers, supported by one full-time and two part-time technicians.

It is a well-resourced department, comprising of six laboratories and three teaching classrooms. Each room has an interactive whiteboard with the facility to project 3D images. There is a portable unit of laptops available for science lessons, as well as the option of using whole school ICT facilities.

All colleagues in the department regularly contribute to our fortnightly meetings that focus on improving and reflecting upon our current practice. At all stages we aim to ensure that students enjoy and are engaged in the lessons, whilst promoting challenge and deeper thinking.

Curriculum

Key stage 3 (Years 7, 8 and part year 9)

Where possible classes have one teacher who delivers biology, chemistry and physics to them over four 50 minute lessons per week.

Over 2 ½ years students follow a bespoke scheme collaboratively written by teachers in the department that is closely linked to the AQA syllabus. Each unit in the scheme has a number of assessment foci with time built in to address misconceptions and opportunities for reflection with an emphasis on appropriate pace and challenge. Students continuously build their scientific and maths skills, alongside a thorough knowledge base throughout this key stage.

Further to this, students in years 7 and 8 sit an end of year exam, whilst students in year 9 sit an end of KS3 exam to assess their suitability to start the GCSE course.

Key stage 4

Students follow the AQA specification, continuing to build upon their skills from KS3. The majority follow the AQA trilogy specification, with a targeted class who opt for the triple science content and are entered for separate biology, chemistry and physics exams. Core science students have five 50 minutes lessons per week, whilst the triple students have eight 50 minute lessons per week on a rotation system between the three sciences to give an even number of lessons. We also support students with period 7 revision sessions throughout the year.

We are looking for a great chemistry teacher who is a team player and ready to lead on teaching. We need someone who can bring challenge to our students and support them in their journey with us.