



HANLEY CASTLE HIGH SCHOOL

Church End, Hanley Castle, Worcester, WR8 0BL

Telephone: 01684 593241

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Science Faculty Overview

The successful candidate will join a team of eight full-time teachers and three part-time teachers who are supported by two full-time laboratory technicians. Each full-time teacher has the majority of their lessons in their own laboratory.

The faculty is led by a very strong, supportive group of experienced middle managers with Nick Stonehouse as Head of Faculty, Jo Jones in charge of Key Stage 3 and Lisa Millikin in charge of Key Stage 4.

The department has nine fully equipped laboratories on two floors, the majority of which have been modernised or refurbished. Two new laboratories were added along with a new prep room in September 2014.

Characteristics of the Faculty

- The faculty is made up of a blend of both experienced staff and younger teachers.
- The faculty has an extremely high profile within the school
- Students are taught in Mathematics/Science sets in Year 7 and Year 8 and are split into two bands. In years 9, 10 and 11 students are set based upon their scientific ability and whether they have opted to study triple science. Annually up to 70 of our cohort of 180 opt for triple science.
- At Key Stage 3 we teach a two-year in-house scheme of work based around the new QCA specifications and the Activate SOW.
- We currently run a three-year Key Stage 4 course where students have the choice to study EDEXCEL Triple Science or EDEXCEL GCSE Combined Science.
- Our examination results for the 2023 GCSE were excellent: 95% of students achieving grades 5-9 in Biology, 93% grades 5-9 in Chemistry, 95% 5-9 in Physics, and 70 % 5-9 in Combined Science. All these results reflected excellent value-added scores compared to FFT predicted grades.
- All our A Level results are at, or above the national average, again reflecting good value added.
- We have an excellent uptake onto our A Level Science courses with group sizes varying from 10 to 17. We offer the following A Level Subjects:



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1. OCR Biology
 2. OCR Physics
 3. OCR Chemistry
 4. AQA Psychology
- The faculty's aim is to offer a real challenge to all students whatever their ability by planning pertinent and interesting practically based lessons with appropriate lesson objectives, reflective starter activities and constructive plenary sessions all of which allowing us to assess student progress. Learning is student-centred and made as active and engaging as possible.
 - The faculty makes extensive use of data in setting and formulating target grades which are discussed with all students at Key Stages 4 and 5. We are constantly monitoring student progress against targets and, after discussions with students, employing any intervention strategies as appropriate to ensure targets are met or even exceeded. This then links to the school rewards systems.
 - All members of the faculty have a desktop computer, a visualizer, and a fixed digital projector in their laboratory. Some labs have interactive whiteboards. Staff regularly and effectively use ICT to enhance the teaching and learning in science.
 - The faculty mentors ITT Students from the University of Worcester.

Moving forward

The faculty is proud of its progress and achievements. However, we are constantly monitoring and evaluating our work and through this process striving to improve the quality of Teaching and Learning we provide. Our Department Development Plan this year focuses upon reviewing our Key Stage 3 assessment model and ensuring our practical tasks are accessible to all learners.

This post offers an excellent opportunity for a dynamic, energetic person to work as a member of an extremely supportive hardworking team who also know how to have some fun.

Nick Stonehouse
Head of Science