



Facilities

The Department benefits from 4 dedicated, purpose-built DT rooms with high levels of access to IT facilities. These well-maintained rooms allow staff and students to thrive in all disciplines.

Staffing

The Department comprises of 4 members of staff, 3 specialist teaching staff and a well skilled technician who offers assistance and support when and where needed.

Curriculum

Key Stage 3

Design and technology at Park Vale Academy is an inspiring and practical subject. Using creativity and imagination, students design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Students acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Students learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens.

DT

Through a variety of creative and practical activities, students are taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. Students work in a range of domestic and local contexts (for example, the home, health, leisure and culture), and industrial contexts (for example, engineering, manufacturing, construction, food, energy, agriculture and fashion).

Food

As part of students work with food, students are taught how to cook and apply the principles of nutrition and healthy eating. Learning how to cook is a crucial life skill that enables students to feed themselves and others affordably and well, now and in later life.

Key Stage 4

At present, the Department offers a range of GCSEs and vocational courses to meet the needs of each cohort. For example, AQA GCSE Design and Technology is modern and relevant, so students can learn about contemporary technologies, materials and processes, as well as established practices. A recent interest in engineering and hospitality has led to the Department offering a wider choice of qualifications in the Options Process. The uptake has been pleasing and the Department wants to build on this initial success and lead the way in the ever-changing world in which we live.

Enrichment

A range of supervised activities before, during and after school are on offer including The Park Vale Bake Off where staff and students compete against each other in order to prove their baking skills.

Network and CPD offer

The Department benefits from and contributes to the wide CPD offer in the Trust. Working in partnership with other subject leaders and teachers provides the Department with the opportunity to share expertise and ensure the Department is continually able to reflect and further improve all that it does in order to raise the achievement of students.