



Carterton Community College

Post: Teacher of DT/Engineering with STEM TLR

School: Carterton Community College

Responsible to: Head of Art, Design and Technology Faculty

Introduction

This exciting role will suit someone who has a real passion for Design and Engineering. You will be working in a vibrant and lively department consisting of Art, Graphics, Engineering, Textiles and Food and our curriculum is designed to reflect a real 'hands on' iterative approach to learning. The department is supported by two Technicians who work closely with all staff to ensure resourcing and pupil support is both efficient and effective.

This job description should be read in conjunction with the current School Teachers' Pay and Conditions Document and the provisions of that document will apply to the post holder.

The performance of all the duties and responsibilities shown below will be under the reasonable direction of the Headteacher and other Senior Manager if appropriate, will be mindful of his/her duty to ensure that the employee has sufficient support to carry out the duties of the post.

This job description will be reviewed at least annually and any changes will be subject to consultation.

General Duties

You will teach KS3 on a rotation system, and KS4-5 in blocks. The success of the department is reflected by the large uptake for all our DT subjects at KS4, with two Engineering groups each year.

The department is proud to work closely with RAF Brize Norton which is an excellent collaboration which is going from strength to strength with some exciting projects on the horizon. You will be an experienced facilitator to lead STEM across the whole school, and into the wider community. Carterton has outstanding and unique links with RAF Brize Norton and we have a well-established programme in place to deliver STEM activities to all our students; we recently featured in the RAFs report to Her Majesty the Queen in recognition of our outstanding programme

At Carterton we have a wide range of CAD/CAM (2 laser cutters, 3D printer, Boxford Mill CNC) which are used throughout KS3 and KS4 to deliver exciting projects for all our learners. We currently use Solid Works for Engineering BTEC, and 2D Design to run the laser cutters and CAMM1, vinyl cutter. A



good understanding of Solid Works and 2D Design will be required, and BTEC Level 2 and 3 experience highly desirable.

The department values a vibrant working environment and creating exciting displays to inspire students is essential, as is engagement with external agencies to provide off-site curriculum enrichment opportunities. The post holder will have a tutor group and will be expected to contribute fully to the wider school curriculum.

You will be expected to carry out the professional duties of a teacher as outlined in the School Teachers' Pay and Conditions Document currently in operation, or any subsequent legislation, specifically for the year 2019/20, including taking responsibility for a tutor group.

General Responsibilities

Taking appropriate responsibility for one's own health, safety and welfare and the health and safety of pupils, visitors and work colleagues in accordance with the requirements of legislation and locally-adopted policies; including taking responsibility for raising concerns with an appropriate manager. This post holder works within the Carterton Community Schools Federation and may be deployed across the federation, commensurate with relevant skills and abilities.