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**Millom School**

**Technology/Art Department**

**Department Profile**

**Overview**

In Design & Technology at Millom School we aim to provide our students with an enjoyable atmosphere to inspire and encourage innovative creations, along with equipping students with real life skills. Students are encouraged to develop analytical and problem-solving skills in order to produce high quality products.

**Personnel**

From September 2024 the department consists of a Head of Department (technology specialist), one full time specialist (art), one full time specialist (textiles) and two-part time specialists (catering and art).

The department is supported by two technicians who work across the department.

**Curriculum**

At Key Stage 3 students receive two 50-minute lessons per week on a rota system covering Food, Textiles, Resistant Materials and Graphics. Throughout Key Stage 3 we like to encourage students to explore a wide range of materials as well as to develop an understanding of the role design plays in society.

Key Stage 4 students who opt for the subject receive three lessons per week, including one double lesson. The courses offered at Key Stage 4 are GCSE Design and Technology (AQA), the Level 1/2 Award in Hospitality and Catering (WJEC) and GCSE Art or Art Photography (AQA).

In the 6th Form, we currently offer A level Product Design (AQA) and A level Fine Art or Art Photography (AQA). Key Stage 5 students have 5 lessons per week.

Each course meets the needs and aspirations of our students, preparing them to meet the demands of an ever changing technological world.

**Accommodation and Resources**

We have five dedicated Technology rooms, which provide the faculty with a range of opportunities.

These include:

* Multi Media Workshop
* Graphic Design Suite
* CAD / CAM Suite complete with an industrial style laser cutter and 3D printer
* Food Technology Room
* Textiles Suite

All rooms have interactive whiteboard facilities or a data projector. We also have a range of specialist software to support the students, including Computer Aided Design (CAD).

**Extra-Curricular Activities**

Supporting STEM is a particular strength of the department and we have had a number of successes taking teams of students to regional and national events. We run a number of clubs and activities across the technology spectrum:

* Rotary Club
* Big Bang Science and Engineering Program
* Supporting our own Performing Arts department with the production of props and scenery for drama and music productions.
* CREST awards
* Outreach activities working with local primary schools and industry
* Lego projects
* Working with apprentices e.g. from Sellafield and BAE
* Animation Workshop
* School Production set designs

Peter Jewell

Head of Department

Sept 2024