



PUTTING THE FUN BACK
INTO LEARNING!

Dear Parents and Guardians,

The study of design and technology seeks to prepare students to participate confidently and successfully in an **increasingly technological world**; and be aware of, and learn from, wider influences on design and technology, including historical, social/cultural, environmental and economic factors.

In **Design & Technology** pupils will be expected to create prototypes and at least one product by undertaking an iterative design, make and evaluate project based on a set design brief.

When completing their project students will apply the **designing and making principles** and their **technical knowledge and understanding**

In September - October they will begin to learn techniques such as:

- How to create a design brief for a product
- How to follow a design criteria for a specific product
- How to read and interpret drawings and diagrams,

The main focus this term is to build the students' confidence and to develop their affective and psychomotor domain for the subject.

Some of the things you may do in Design Technology lessons are:

- Use freehand sketching, colouring and shading to represent objects
- Work on your independence as well a focus on team building skills
- Organise and maintain a book of drawings and notes.
- Using CAD/CAM (3D Design, 2D Design and Laser Cutting)
- Drawing and Designing

Basic subject introduction

Grade 6:

- Identify tools and equipment that they will use in practical projects
- Identify how to write a successful design brief for a product
- Be able to create the UAE national flag – this task will help to promote UAE culture and tradition.

Grade 7:

- Identify tools and equipment that they will use in practical projects
- Understand units of measurement for marking out on materials
- Secure and record their method of production in the form of a making diary.

Grade 8:

- Identify all drawing equipment
- Be able to use a range of drawing techniques such as:
 - *Isometric drawing*
 - *Basic orthographic projection*
 - *Perspective drawings*

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Please do not hesitate to contact me if you have any queries.

Thank you.

Mr Tharan

Design Technology Department