



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 November pupils begin to learn techniques such as:

- How to create a 3D representation of geometrical shapes
- Make links to other academic subjects such as Mathematics
- 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 (including G6 – G8) 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.
- Introduction to CAD/CAM (3D Design, 2D Design and Laser Cutting)
- Drawing and Designing

Basic subject introduction

Grade 6:

- Identify 3D drawing techniques
- Tessellation and pattern repeat
- Understand how to use geometrical shapes to enhance drawings.

Grade 7:

- Identify drawing techniques that help create 3D visuals.
- Make links between drawing techniques and how they are used in industry.

Grade 8:

- Identify all drawing equipment.
- Be able to create a range of drawing technique such as:
 - *Isometric drawing*
 - *Perspective drawings*

Departmental Contact Details:

Mr Tharan Choudhury

tharanul.c@albasmaschool.ae

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

Thank you.

Mr Tharan

Design Technology Department