

Doha British School – Wakra

DT – EYFS, KS1 and KS2

Intent

Curriculum Road Map



- To actively contribute to the creativity, culture, wealth and well-being of myself, my community and my nation
- To develop a critical understanding of the impact of design and technology on daily life and the wider world
- To develop and apply value judgements of an aesthetic, economic, moral, social, and technical nature both in my own designing and when evaluating the work of others

In Year 6...

- I will explore the history of textiles and evaluate a range of textile products based on their aesthetic and functional features
- I will develop my sewing skills exploring how to do hidden and visible stitches
- I will explore different embroidery techniques
- I will use my sewing skills to create a piece of textiles

In Year 5...

- I will look at how beams, pillars, trusses and arches are used in simple and complex structures of bridges
- I will use a design brief to sketch and label a bridge to meet a design criteria
- I will make a bridge using a range of materials and techniques
- I will test and analyse my bridge according to the design criteria

In Year 4...

- I will look at existing money containers and evaluate their design and different purposes
- I will sketch products using labels to indicate materials, fastenings, measurements and techniques.
- I will understand how to sew using a range of different stitches

In Year 3...

- I will gather ideas for creating moving monsters
- I will investigate techniques for making simple pneumatic systems
- I will design and make a monster using a mobbing pneumatic system
- I will evaluate my finished product against its function and aesthetics

In Year 2...

- I will talk about the different examples of puppets, describing how they have been made.
- I will design clear, labelled drawings of different puppets.
- I will make a puppet using stitching techniques and different decorations

In Year 1...

- I will create a sliding, moving mechanism
- I will identify simple levers and sliders in moving books/products and explain how they work
- I will draw simple products and show how they work.

In Reception...

- I will handle tools, objects, construction and malleable materials safely and with increasing control.
- I will construct with a purpose in mind, whilst using a variety of resources.
- I will manipulate materials to achieve a planned effect.
- I will select tools and techniques needed to shape, assemble and join materials.

In Pre-school...

- I will use one-handed tools and equipment, like scissors.
- I will use a range of construction materials.
- I will realise that tools can be used for a purpose
- I will join together pieces of construction to help me build and balance.



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