

Year 7 - 9

Head of Department: Mrs S Poppe

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## **We Value:**

In our subject we value developing skills that we believe can be used in many different situations as life skills. Design Technology teaches through a process of design, make and evaluate, problem solving skills to help us look at everyday objects and see how their functionality and features can be improved or to design the best version of that product.

## **We offer these Opportunities:**

Design Technology includes Product Design- Wood and Resistant Materials, Textiles and Catering.

So in Resistant Materials we will look at using all the machinery and equipment including vacuum formers, drills, band saws and tools.

In textiles we will learn to use sewing machines and hand stitching skills.

### **In Year 7**

#### Textiles

We will make a drawstring bag for the gift market, using applique and embroidery and sewing machine skills. We will look at marketing, product specification and features.

#### Resistant materials

We will make a keyring using vacuum forming and drilling to construct a keyring out of wood and acrylic and make the packaging for this to be sold in London Zoo.

### **In Year 8**

#### Textiles

We will make a reusable shopping bag also using applique and embroidery and sewing machine skills, we will look at a Black Lives Matters theme for Paperchase shops to make a bag that does not harm the environment.

#### Resistant materials

We will make a storage box, looking at problem solving, mood boards, and make a box using jigsaws and the machines in Resistant Materials to cut out and create a box based on design follows function.

Year 7 - 11

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**In Year 9**

Textiles

We will make a fabric roll for tools or makeup brushes followed by a facemask- using applique and embroidery and sewing machine skills, we will look at developing making skills that can be used in year 10 for GCSE

Resistant materials

We will make an acrylic clock based on 1950's design.

**In Year 10 and 11**

Textiles and Resistant material will be offered as a GCSE subject

**Our Successes:**

This subject has been developed this year at Chessington School so our successes so far have been setting up a new Textiles department and developing the Resistant Material department so that the rooms run smoothly, and we can start the GCSE next year for Textiles and Resistant Materials