



The Mall School

Curriculum Guide

DESIGN TECHNOLOGY

Year 4

Teachers: Mr Lang
Lessons: 1 x 75mins

Fantastic Plastic!

Introduction:

This project is the first time the boys will spend any prolonged time in the workshop. They will be taught how to work safely in the workshop, recognise dangers and how to reduce the chances of accidents happening.

The projects will revolve around shaping acrylic sheet to make key ring fobs, photo frames and a ball bearing maze using a vacuum former.

Key Objectives:

- To Know how to work safely and recognise dangers
- To learn about plastics and be able to name 5 plastics and name a characteristic for each
- To be able to follow a list of instructions with accuracy
- To work as part of a team
- To evaluate their own project and that of their peers
- To have fun

Resources: junior hack saw, bench hook, cordless drill, drill bits. Key rings, ball bearings, HIPs, acrylic, vice, wet and dry paper, strip heater