

# Eastfield Primary School



Parent information booklet

## Design & Technology

### Areas covered in Design and Technology

The order in which topics are covered may vary.  
Year 1 and 2 plans are based on a rolling programme and will alternate yearly between cycles A & B.

<u>Year</u>	<u>Autumn term</u>	<u>Spring term</u>	<u>Summer term</u>
<u>Year 1 cycle A Cycle B</u>	Playgrounds/Moving Pictures Fruit and Vegetables	Winding up & Homes Vehicles/Joseph's Coat	Puppets
<u>Year 2 Cycle A Cycle B</u>	Playgrounds & Moving Pictures (A) Fruit and Vegetables	Winding up/Homes Vehicles/Joseph's Coat	Puppets
<u>Year 3</u>	Packaging	Alarms	Moving monsters
<u>Year 4</u>	Dilutable drinks	Money containers	Story books
<u>Year 5</u>	Musical instruments	Biscuits	Moving toys
<u>Year 6</u>	Pencil cases	Fairground Rides	Shelters

## **Aims & Objectives**

- To develop designing and making skills
- To develop practical skills using a range of materials
- To be able to ask questions about how things work
- To be able to handle tools safely
- To know about food hygiene
- To be able to cut and join a range of materials
- To be able to explain what they have done and why
- To be able to evaluate the success of what they have made
- To know how they could improve their work

## **What are 'Design & Technology' lessons like?**

Design and Technology (DT) lessons are in four main areas. Not all the areas will necessarily be covered within each lesson. The four areas are as follows:

### **1. Developing, planning and communicating ideas**

Children are given specific tasks to undertake. They need to know what they are doing and why. They will be asked to draw plans and sequence the 'production process'.

### **2. Knowledge and understanding of materials and components**

The children learn about how different materials work and

the function they are most suited to. They will learn about the suitability of materials for specific tasks.

### **3. Working with tools, equipment, materials and components to make quality products**

Your child will learn to use tools for specific jobs and safely. They will learn how to join materials. They will also be taught specific skills such as how axles work.

### **4. Evaluating processes and products**

Before making any product they have designed children are asked to go over their plans and check that they have considered all options. After each task the children are asked to consider their plans and the products they have made. They need to consider whether or not it fulfils the intended purpose? Were the materials chosen appropriate? Would they alter their design if they had to complete it again?

## **How can parents help to develop 'Design & Technology' skills?**

- Let your child use scissors and glue, encourage them to make things – perhaps from a kit.
- If it is safe, let them help you to fix things – a flat bicycle tyre for example.
- Talk about the importance of working safely.
- Talk about the fact that different tools do different things.
- Show them how to use simple tools – sewing equipment, simple kitchen equipment such as a round-bladed butter knife.
- Let them take apart simple things such as a clothes peg.