



Year 3 Shadow Puppets

Key Focus of the Unit

In this unit of work the children will explore the history of shadow puppetry and will create a shadow puppet, with moving parts to re-tell a story. The children will experiment with the effects that different materials have when casting a shadow such as: tissue paper, cellophane, card, lace, mesh, net. The children will learn about fixed and loose pivots and where these are used.

Objectives

- Investigate how objects made from different materials cast shadows.
- Understand how a shadow changes depending on the object's orientation.
- Understand opaque, transparent and translucent and the shadows these objects cast.
- Investigate how the orientation of an object affects the shadow.
- Create jointed shadow puppets controlled with a flexible stick

Designing

- Generate realistic ideas and their own design criteria through discussion, focusing on the needs of the user.
- Use annotated sketches and prototypes to develop, model and communicate ideas.
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users

Making

- Select from and use appropriate tools with some accuracy to cut, shape and join paper and card.
- Select from and use finishing techniques suitable for the product they are creating.

Vocabulary

Transparent
 Translucent
 Opaque
 Design,
 Develop,
 Purpose,
 Materials,
 Function.
 Hinge
 Joint
 Shadow
 Light Source
 Fixed pivot
 Loose pivot
 Purpose
 Function
 Design brief
 Design criteria
 Innovative
 User
 Appealing

			Pupils should be taught to work safely, using tools, equipment, materials, components and techniques appropriate to the task.
Assessment objectives:	Use written, verbal and practical observations of the children to assess the children's understanding of the objectives covered using FFT		