

Design Brief

Design, make and evaluate a puppet with different mechanisms in order to put on a performance.

Key Skills

- Make a step-by-step plan of the making process, including the materials that will be used for each step.
- Materials can be joined in different ways for example using glue, tape. Different joins are used for different effects and reasons.
- Some simple mechanical systems can be moved with levers and sliders.

What I Should Already Know

- Materials can be joined in different ways using glue, split pin, tape etc.
- Ideas are needed to create a design.
- How to use and carry scissors safely.
- To cut around a template with increased accuracy.
- To fold and join different materials.

Key Vocabulary

illusion	To see something that isn't physically there.
shadow	A shadow is a dark shape that is formed when an object blocks a source of light.
puppetry	A form of entertainment where a puppeteer uses movements of their hands, arms, or control devices such as rods or strings to move the body, head, limbs, and in some cases the mouth and eyes of the puppet.
silhouette	The dark shape and outline of someone or something visible in restricted light against a brighter background:
translucent	If an object or a substance is translucent, it is almost transparent, allowing some light through it.



Key Information

- Shadow puppetry — also called shadow play — originated thousands of years ago in China and India. This unique form of storytelling is the oldest type of puppetry in the world.
- Shadow puppets are figures that are placed between a light and a screen. Moving them creates the illusion of moving images on the screen. An experienced puppeteer can make figures appear to walk, talk, fight and dance.
- Shadow puppets can be made from a wide variety of materials. They can be made out of paper, plastic, wood or cloth.
- Shadow puppets are usually constructed in separate pieces that are then put together with strings or wires. The strings or wires are usually attached to long rods that the puppeteer will use to control the movement of the puppet.

Links to other Learning

- Science- Light and shadows
- Maths - measures
- Art and Design
- English - drama, story-telling
- D & T - mechanisms all year groups

Key Questions

- Appearance/aesthetics - how will it look? How will you decide on your design?
- Cost - how much money will it cost to make?
- Customer - who is it for? Can it be used as part of an entertainment show?
- Environment - can it be recycled?
- Size - how big or small is it? What shapes will you use and why?
- Safety - is it safe to use by everyone?
- Function/purpose - how does it work? What makes an effective shadow puppet?
- Materials - what materials will you use and why?
- Manufacture - how will you make it? How might you adapt your design? Will your design have multiple moving parts?



Examples of shadow puppets