

Spring Partnership Trust – Knowledge Organiser

DT Focus

Functioning Product

Year 2

Moving Picture

Design Brief

To create a moving picture that shows part of a well-known story, includes at least 1 moving part, appeals to young children, is neat and is well made.

What? Key Skills

Design

- To design, make and evaluate products that have a clear purpose or intended user.

Make

- To make products, adapting and refining their design as their work progresses.
- To be able to use a range of tools safely and accurately.
- To explore and use mechanisms in their products eg wheels and axles.
- To measure and mark out to the nearest centimetre.
- To demonstrate a range of cutting and shaping techniques, eg tearing, cutting, folding, etc.
- To demonstrate a range of joining techniques eg gluing, hinges or combining materials to strengthen.

Evaluate

- To explore and evaluate a range of existing products, identifying likes and dislikes and suggesting improvements.

Key Vocabulary

Design Brief a description of what a new project or product should do and what is needed to produce it

Design a plan to show the look and function or workings of a product before it is made

Make create something by putting parts together

Evaluate to judge the quality of a product and how well it meets the design brief

Joining connect things together

Sliders a knob or lever that is moved to control something

Lever a rigid bar resting on a pivot, used to move a heavy or firmly fixed load with one end when pressure is applied to the other

Wheels a circular object that spins around a point

Cutting/ Shaping to give a particular shape to an object, sometimes through cutting with scissors or other tool

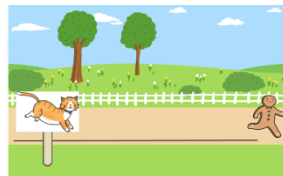
Measuring to use a ruler or measuring device to mark the size of something

Product a thing that is the result of the design and making process

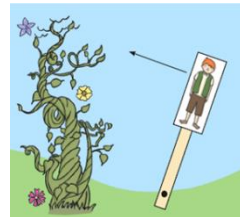
User a person who uses something

Skills

Sliders



Lever



Wheels



Pictures and Diagrams

