

DT – Moving Pictures Construction

Prior Knowledge

Children have and are able to cut a variety of materials as part of everyday life, through previous Art, DT and construction activities. They have explored and talked about books containing flaps and moving pictures.

They have explored and learnt about everyday materials in Science.



Key Vocabulary

Tier 1: picture, bigger, smaller, moving

Tier 2: image, centre, paper fastener, curve, slide, push, pull, join

Tier 3: mechanism, construct, lever, pivot, wheel, disk

My Component Knowledge:

Lesson 1: I can create a sliding mechanism.

Lesson 2: I can use levers to create a moving mechanism.

Lesson 3: I can investigate and create wheel mechanisms.

Lesson 4: I can design a picture with a moving mechanism.

Lesson 5: I can make a moving picture based on a design.

Lesson 6: I can evaluate my work.

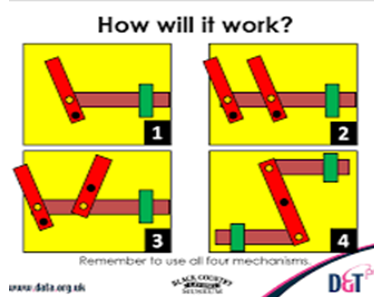
My Composite Knowledge:

I can select from and use a range of tools and equipment to perform practical tasks. I can also design purposeful, functional, appealing products based on design criteria.

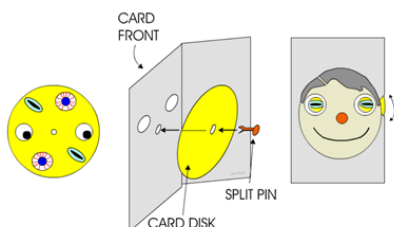
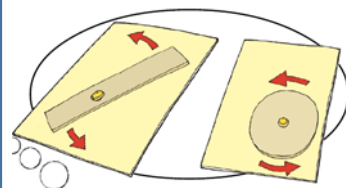
My Powerful Knowledge:

I am beginning to understand how to explore and evaluate a range of existing products and evaluate my own ideas and products against design criteria.

What is a sliding mechanism?



What is a lever?



How can a picture move?