My steps through learning:

What I will know and understand

How I will show that I know it

Steps through Learning Design & Technology: Moving Toys



Lesson 5

To know how to follow a design plan to create a finished product

I can work safely with a range of tools and materials

I can identify areas where my toy can be improved



Lesson 3

To know how structures can be strengthened in moving toys

I can suggest how to make a structure sturdy

I can identify how a structure has been reinforced



Lesson 1

To investigate toys which cam mechanisms

I can explain what a cam mechanism is

I can understand how a cam mechanism works inside toys



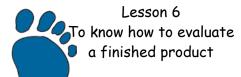
What should I already know

A mechanism - parts that work together to make something move

Hinge - something that connects two objects and lets them rotate

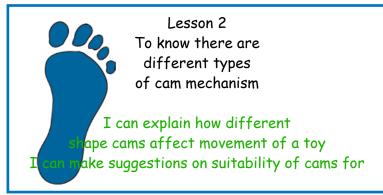
Pivot - a fixed part that holds a lever in place as it turns

Lever - helps to lift up objects



I can suggest
provements to my design process
I can recognise where I
have been successful





National Curriculum:

materials, textiles and ingredients, according to their characteristics

KS1 - explore and evaluate a range of existing products

<u>KS1 - evaluate their ideas and products against</u> design criteria

KS1 - build structures, exploring how they can be made stronger, stiffer and more stable