



## Focused Tasks

### KS1

<b>Mechanisms – Sliders and Levers 1</b>	Design, make and evaluate a moving picture that shows the moon or the sun rising and falling
<b>Mechanisms – Sliders and Levers 2</b>	Design, make and evaluate a moving picture to be used by a teacher when reading a story with a nursery class
<b>Mechanisms – Sliders and Levers 3</b>	Design and make a greetings card
<b>Structures</b>	Experiment with joining materials together then design, make and test a model house for the three pigs
<b>Textiles</b>	Design and make finger puppets

### LKS2

<b>Mechanisms – Structures</b>	Design, make and evaluate a siege weapon
<b>Mechanisms – Levers and Linkages 1</b>	Construct more complex mechanical systems
<b>Mechanisms – Levers and Linkages 2</b>	Design, make and evaluate a celebration card that includes a mechanical system
<b>Mechanisms – Levers and Linkages 3</b>	Design, make and evaluate a 'picker-upper' to be sold in the gift shop at the Natural History Museum
<b>Textiles</b>	Design and make a soft toy to sell in a zoo's souvenir shop.

### UKS2

<b>Electronics 1</b>	Design, make and evaluate a device to send Morse code signals
<b>Electronics 2</b>	Design, make and evaluate a traffic control system
<b>Mechanisms – Structures 1</b>	Create frame structure
<b>Mechanisms – Structures 2</b>	Join up frames to create a bridge
<b>Mechanisms – Structures 3</b>	Design, make and evaluate a three wheeled 'racer'
<b>Textiles</b>	Make a cushion following a pattern

