



## Year 1 Design and Technology – Mechanisms: Sliders and Levers (DMEA)

### Vocabulary:

**Mechanism** – a device used to create movement in a product

**Design criteria** – what a project must have in order to be successful

**Mock-up** – a model or replica of something that is being built

**Lever** – a rigid bar which moves around a pivot

**Pivot** – the point that a mechanism turns on

**Slider** – a rigid bar which moves backwards and forwards along a straight line

**Slot** – the hole which a lever or slider is put in to allow part of a picture to move

**Guide or bridge** – a short strip of card that is used to keep sliders in place and control their movement

### Year 1 Groblox:

#### Design

**DT1M1:** I can think of my own ideas about how to make something, following simple design criteria.

**DT1M2:** I can simply draw my ideas and make a mock-up using card and paper.

#### Make

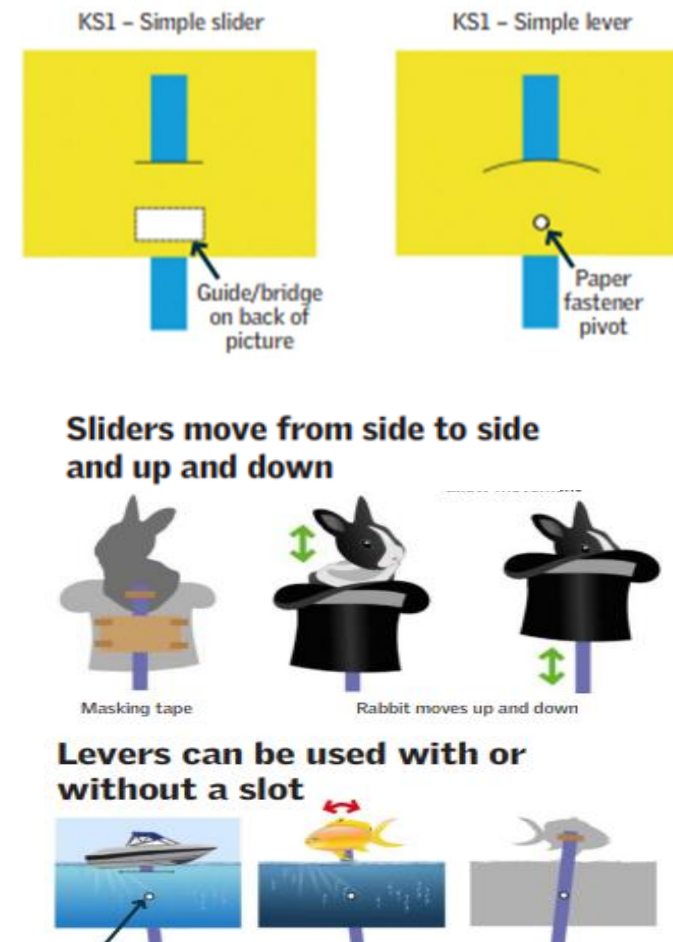
**DT1M3:** I can select and use appropriate tools to cut, shape and join paper and card.

#### Evaluate

**DT1M4:** I can talk about how well my product works and if it meets design criteria.

#### Technical knowledge and understanding

**DT1M5:** I know that different mechanisms produce different



### Previous Groblox:

**DTRS1:** I can join card and paper in different ways eg tape, glue, paper fasteners.

**DTRT3:** I can cut a range of materials: paper, card, fabric, plastic, string



## Year 1 Design and Technology – Textiles: Joining – gluing, stapling and lacing

### Vocabulary:

**Fabric** - the material we make our clothes from

**Staple together** – to fix things together with a metal staple

**Lace together** – to fix things together with string, thread or ribbon by threading it through holes

**Fray** – to unravel or become worn at the edge

**Embellish** – to make something look more attractive by adding something to it

**Technique** – a particular way of doing something

### Year 1 Groblox:

**DT1T1:** I can join fabric pieces by gluing, stapling and lacing.

**DT1T2:** I can use fabric pens/paints, sequins and glue to embellish a product.

**DT1T3:** I can talk in simple terms about when it would be best to use the techniques: gluing, stapling and lacing.

### Previous Groblox:

**DTRT3:** I can cut a range of materials: paper, card, fabric, plastic, string

**DTRT4:** I can name and use a variety of things to fix items together eg glue, staples, tape, blue tack

### Joining fabric



Gluing



Stapling



Lacing

### Embellishing fabric



Textile paints – glitter



Textile paints – raised



Adding sequins and shiny fabrics



Fabric crayons



## Year 1 Design and Technology – Food: Preparing fruit and vegetables

### Vocabulary:

**Peeler:** a special type of knife with a slot in the blade used for taking the skin off fruit and vegetables

**Juicer:** a piece of kitchen equipment used to squeeze the juice out of fruits and vegetables.

Staple fruits and vegetables that I can identify and name:

Apple  
Banana  
Orange  
Grape  
Pear  
Tomato  
Cucumber  
Carrot  
Pea  
Broccoli  
Potato

**Staple foods:** foods that are part of a healthy diet

### Year 1 Groblox:

**DT1F1:** I can use a vegetable peeler, juicer and knife safely, with support.

**DT1F2:** I can choose, with support, from a selection of fruits and vegetables according to their colour and taste, to create a given product.

**DT1F3:** I can tell you where staple foods come from eg apples from a tree, meat from animals.

**DT1F4:** I can identify and name a range of common fruits and vegetables

### Previous Groblox:

**DTRF4:** I can talk about why good hygiene is important when preparing food and know how I can achieve this.

