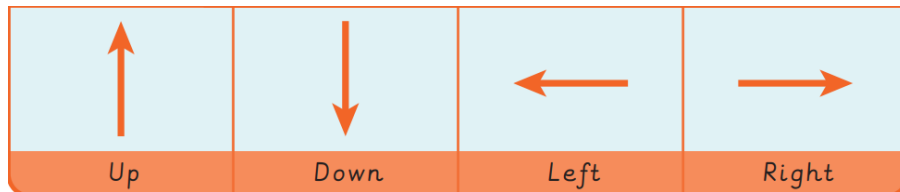


# Making a moving story book

<b>Key Vocabulary:</b>	
<b>Mechanical</b>	Something that can move because several pieces work together like a machine.
<b>Template</b>	A template is a model or a guide for producing something.
<b>Prototype</b>	A prototype is the first one of your product that you make from which improvements or changes can be made.
<b>Sliders</b>	Something that can move from side to side and up and down.
<b>Input</b>	The energy that is used to start something working.

<b>Sticky Knowledge facts:</b>
<ul style="list-style-type: none"> <li>There are four types of motions which are linear motion, reciprocating motion, rotatory motion and oscillating motion.</li> </ul>
<ul style="list-style-type: none"> <li>In Design and Technology, people use the word 'design'. This is what they do to plan out their ideas.</li> </ul>
<ul style="list-style-type: none"> <li>There is always an input and an output in a mechanism.</li> </ul>
<ul style="list-style-type: none"> <li>The success of a product can be reviewed by testing it and evaluating it against the design criteria.</li> </ul>



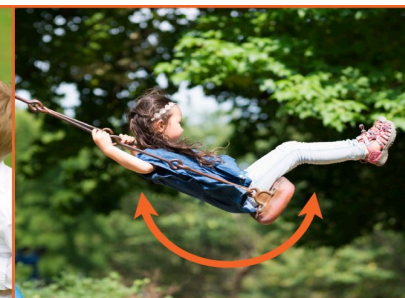
**Linear motion**  
Movement in a straight line in any one direction.



**Reciprocating motion**  
Movement in a straight line, back and forth, in any direction.



**Rotary motion**  
Movement in a circular direction.



**Oscillating motion**  
Movement in a curve, back and forth.

There are four types of motions which are linear motion, reciprocating motion, rotatory motion and oscillating motion.

In Design and Technology, people use the word 'design'. This is what they do to plan out their ideas.

There is always an input and an output in a mechanism.

The success of a product can be reviewed by testing it and evaluating it against the design criteria.