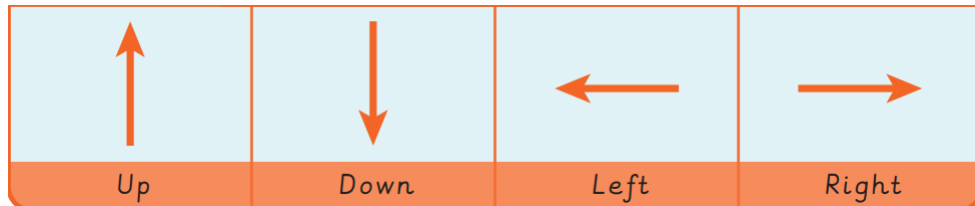


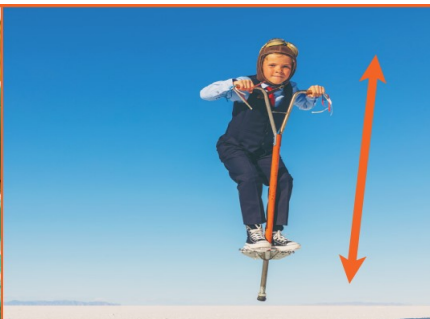
# Making a moving story book

Key Vocabulary:	
<b>Mechanical</b>	Something that can move because several pieces work together like a machine.
<b>Pivot</b>	The central point, pin, or shaft on which a mechanism turns or swings.
<b>Mechanism</b>	A system of psarts working together
<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.

Sticky Knowledge facts:
<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>♦ A lever is something that turns on a pivot and a linkage mechanism is made up of a series of levers.</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>



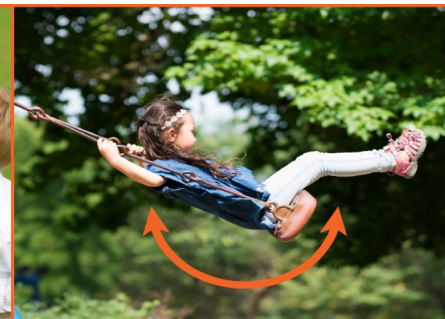
**Linear motion**  
Movement in a straight line in any one direction.



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



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



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