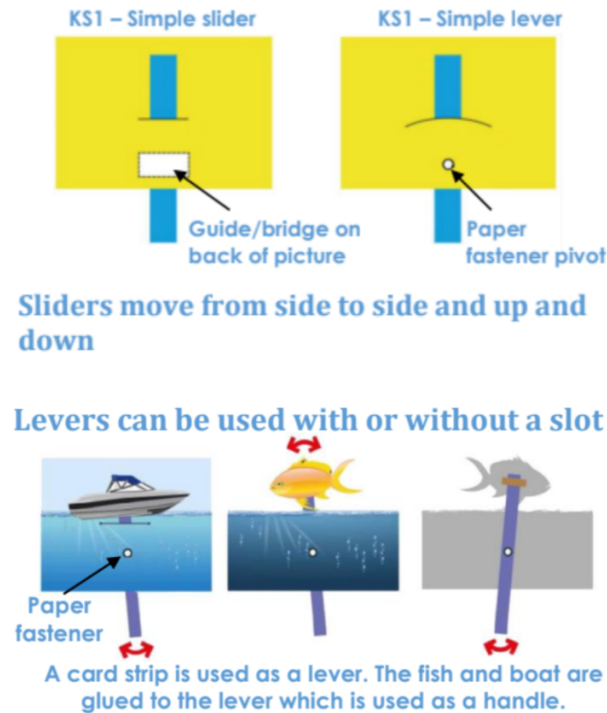


Key vocabulary

design	to decide on how a product will look and work
slider	a bar which moves backwards and forwards along a straight line
lever	a bar which moves around a pivot point
mechanism	a device used to create movement in a product.
pivot point	The central point of which a level turns
template	A piece of shaped material used as a guide for drawing around
mock-up	A practise version of a design



We are building on our knowledge from making boxes in Reception

This will help us learn in Year 3 when we make moving Christmas cards

Key knowledge

Sliders and levers are mechanisms which allow movement

Levers move side to side around a pivot

Sliders move from side to side and up and down and don't have a pivot point

Templates can be drawn around to create a shape

A mock-up can be used to practise making a mechanism and check a design will be successful

Split pins can be used to make a pivot point by joining parts together. Split pins are sharp so must be handled carefully