

**Design:** Show how your product is going to meet your audiences' wants and needs.



**Make:** Create your product in line with your design.



**Evaluate:** decide whether your product has been successful in line with your design.



### Finishing

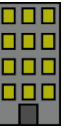
#### Pens



**Mechanism** - parts working together in a machine.



**Structure** – a building or object constructed from several parts.



**Reinforce** - stiffen or support with extra material.



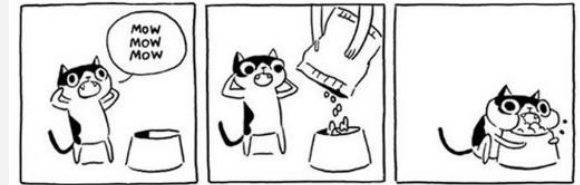
**Strong and stable** – won't break if used too much.



**Mock-ups** – a simple version of your design made so you can practise.



**Storyboard** – simple illustrations in boxes placed in story order.



### Design and Technology Vocabulary

**Audience:** who we are making our product for.



**Product:** what we are making.



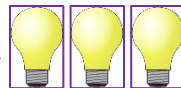
**Purpose:** the reason we are making our product.



**Design Criteria:** The things that our product must include to be successful.



**Initial ideas:** lots of ideas which might work.



**Final idea:** the chosen idea which best meets the design criteria.



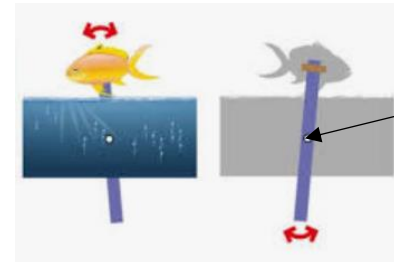
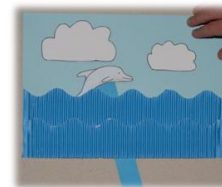
**Material** – what the product is made of.



**Feedback** – what do people think of your product.



### Levers



Pivot

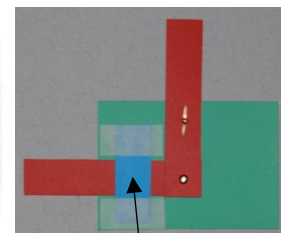
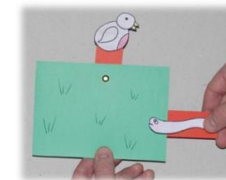
### Split Pins



### Linkages

### Types of Mechanism

#### Sliders



Slot or Bridge