

## Keywords to Revise

<b>Light emitting diode</b>	An LED is a semiconductor device that emits light when an electric current is passed through it.
<b>Soldering</b>	Soldering is the process used to join electronic components together.
<b>Polarity</b>	Polarity is when an electrical component has to be wired up the right way with a positive and negative leg.
<b>Printed circuit board</b>	A PCB is a board that connects electronic components. It is the basic building block of any electronic design and has developed over the years into a very sophisticated component.
<b>PVA glue</b>	Used to join timbers together.
<b>Dimensions</b>	Sizes. Should always be in millimetres.
<b>Acrylic</b>	Is a plastic that can be laser cut easily, comes in lots of different colours and can be recycled at the end of its life.
<b>Hardwoods</b>	Come from deciduous trees (lose their leaves in winter). The trees are slow growing taking 150 years to reach maturity. They have a dense cell structure and are very strong but difficult to work with. Examples include oak, ash and beech.
<b>Softwoods</b>	Come from evergreen trees which means that they have leaves all year around. Softwoods grow faster than hardwood trees and are not as strong. Examples include spruce, cedar and pine.
<b>Manufactured boards</b>	They are made in factories by gluing wood layers or wood fibres together. They are available in lots of different sizes. Examples include MDF, plywood and chipboard.