

**Rapid prototyping** – a process that automatically creates physical objects, by building up thin layers or using processes such as stereolithography

**Reconciliation** – deciding to do things in a way that may not be your first choice

**Recover** – get energy from waste materials

**Recycling** – reusing waste or unwanted materials

**Reduce** – Lower the amount of energy or material used in the manufacture of products

**Reforming** – a process that involves a change in state of the material being processed eg Casting

**Regulator** – controls the maximum pressure to part of a system

**Relay** – a solenoid operated switch

**Research** – finding out information

**Resistant materials** – wood, metal and plastics

**Reuse** – Use a product or material more than once

**Router** – a hand held tool capable of holding different sized and shaped bits to cut different slots or profiles

**Rub down transfers** – prepared, etch resistant, component pads which can be rubbed onto the clean copper surface of a PCB