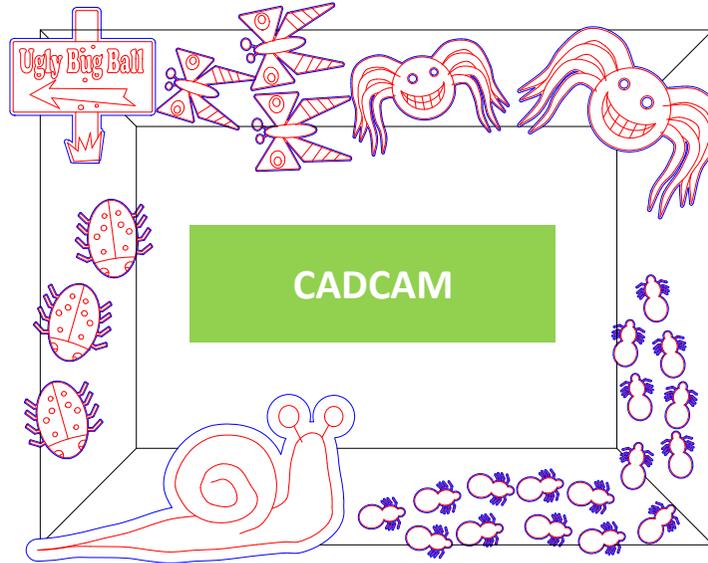


# Y8 RM: Knowledge Organiser

## Y8 RM Key Words

Scott's Pine	Scott's pine is a softwood that is 'nice' to work with and gives a good finish when sanded, It is often 'knotty' so material selection is crucial
Ply wood	This is a manufactured board that is made of layers with the layers grain going in an opposite direction of the layer below it
H.I.P.s	High Impact Polystyrene Sheet
Mass Production	A high number of products made in the same way often on a production line
Batch Production	A number of items made that are identical
One off product	A high quality item made by a highly skilled person usually of a high cost
Mitre Saw	A saw that helps us cut materials at set angles
Tenon Saw	A wide bladed saw that is good for straight lines
Hand Countersink	A tool that makes a 'V' shape at the top of a drilled hole to make a screw head sit flush with the top of the material
Bradawl	A tool for boring holes, resembling a small, sharpened screwdriver
Disc Sander	A piece of sandpaper which spins at high speed, this is used to remove waste put not to add finish
JIG	This is something that helps us do a repeat task for accuracy and quantity production
Template	Some thing we could use to make sure all mass produced items are identical
FLUSH	When two or more materials that are joined together are flat to each other and the join cannot be felt
Elasticity	How stretchy something is



## Wider Skills

**Tolerance**  
**Social, Moral, Ethical Decisions**  
**Selection of materials for outcome**  
**Working for a Client/Target market**  
**Patience**  
**Self determination**  
**Team Work**  
**Teaching others**  
**Quality Control**  
**Respect**  
**Influence**  
**Development**  
**Hard work**  
**Learning through doing**

## Yr. 8 Safety

**Machines and PPE**  
**Safe Hand Tool Use**

## The Design Process

Design Brief	A statement outlining what is to be designed and made
Specifications	A list of design criteria
Research	Sourcing information and inspiration to help with design work
Ideas	A range of potential solutions to the problem
Development	Further improving an idea
Final idea	A presentation drawing of chosen idea
Manufacture	Making the final outcome
Evaluation	Reviewing strengths and weaknesses of final product and design work

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**[Technologystudent.com](http://Technologystudent.com)**