

Year 9: Materials (polymers and timbers)

PT1: I can know the difference between hardwoods, softwood and manufactured timbers.			
PT2: I can know three natural and three manufactured timbers.			
PT3: I can understand the physical properties of three natural and three manufactured timbers.			
PT4: I can give reasons why specific timbers are used for specific purposes.			
PT9: I can understand the positive and negative environmental effects on using timber.			
PT5: I can know the difference between themoplastics and thermosetting plastics.			
PT6: I can know the primary sources of polymers			
PT7: I can know two thermosetting polymers and two thermoforming polymers			
PT8: I can know the general properties of polymers and their specific uses			

Red	Amber	Green
-----	-------	-------

USB Lighting Project: Project Skills

UL1: I can make a quality lap joint using the correct tools and equipment.			
UL2: I can apply a finish to my box, applying a natural wax finish.			
UL3: I can polish the edges of my acrylic selecting the correct equipment.			
UL4: I can use 2D Design to draw and process my design ready for laser cutting.			
UL5: I can neatly solder the USB light circuit together and test to see if it works.			
UL6: I can assemble all components together applying glue neatly for a good quality finish.			

Year 9: Drawing Techniques

Dt1: I can create a one-point perspective drawing			
Dt2: I can produce a two-point perspective drawing			
Dt3: I can draw an exploded drawing			
Dt4: I can produce an orthographic drawing			
Dt6: I can apply tone and texture to my designs			
Dt5: I can design using crating technique			