Name: Class:

	Red	Amber	Green
Common Specialist Principles: New Ecological and Social Footprint			
Eco1: I can understand how greenhouse gases and carbon are produced during the manufacture of products.			
Eco2: I can understand the impact that a consumer society has on natural resources and the environment including deforestation, mining, drilling, farming and product miles.			
Eco3: I can be aware of the need for social and governmental responsibility to address safe working conditions and pollution.			
Common Specialist Principles: The Six Rs			
SR1: I can know and understand the six Rs.			
SR2: I can understand the role of sustainable design ins society today?			
SR3: I can be aware of the role that consumers play in reducing waste and the demand on finite resources.			
SR4: I can understand the hierarchy of options in responsible and sustainable design.			
Common Specialist Principles: Forces and Stresses			
FS1: I can recognise and characterise tension, compression, bending, torsion and shear forces and stresses			
FS2: I can understand the impact of different forces and stresses on materials			
Common Specialist Principles: Improving Functionality			
IF1: I can understand how materials may be enhanced to resist and work with forces and stresses to improve functionality			
Common Specialist Principles: Scales of Production			
SoP1: I can understand how products are produced in different volumes			
SoP2: I can explain when and why different manufacturing methods are used for different production volumes			
SoP3: I can explain when and why different manufacturing methods are used for different production volumes			