



Resistant Materials

Subject Outline for Year 7	
1st Rotation Mazes	<ul style="list-style-type: none"> • Workshop safety • Measuring cutting with accuracy • Orthographic drawing • Adhesives • finishes
2nd Rotation Trophies	<ul style="list-style-type: none"> • Designing for a third party. • Forming and de-forming acrylics • Finishing acrylics to a high standard. • Specific adhesives for acrylics
Subject Outline for Year 8	
1st Rotation Mechanical Toy	<ul style="list-style-type: none"> • Orthographic drawing • Introduction to wood joints • Toy frame Construction to a good standard.
2nd Rotation Mechanical Toy (cont)	<ul style="list-style-type: none"> • Mechanisms • Toy design for a specific age group • Mechanical toy manufacture resulting in a good quality product. • Finishing
Subject Outline for Year 9	
1st Rotation Rocket Car	<ul style="list-style-type: none"> • CAD/CAM. • Aerodynamics. • Resistance and friction. • Presentation skills. • Testing. • Evaluating.
2nd Rotation Wildlife Feeders	<ul style="list-style-type: none"> • Research Sustainable wildlife habits • Designing for end user and purchaser. • Manmade boards and weather protection.