



## Curriculum Sequencing – Year 7

Year 7 Action Figure Project: Polymers, Papers and Boards		
<p><b>Topics covered:</b>            Graphics Design            Health and safety in the workshop            Technical drawing            Vacuum forming            Packaging symbols and logos            Types of paper and board            Tools and Equipment used to shape and form thermoforming polymers (plastics)            Tools and Equipment used to shape and form papers and boards</p>	<p><b>How it links to what you have studied before:</b>            In your previous project you learnt how to shape and form woods and composites. This will give you more in depth knowledge of a range of different materials including plastics papers and boards..</p>	<p><b>How it links to what you will study:</b>            The theory and practical work will allow you to experiment and develop your skills to allow you to design, make and evaluate your own design ideas.</p>
<p><b>Key words:</b>            Hazard, Control Measure, risk, Graphics, Coping saw, Try Square, Tenon saw, Comb joint, Beltsander, Sandpaper, Gritt, mould, blister packaging, vacuum former, logo monogram thermoplastics, Polymorph, High Impact Polystyrene, Bleedproof, Tracing paper, Corrugated card, Logo, Monogram Serif, Sans serif, Text Primary, Secondary, Complimentary, Harmonious, Monochromatic, Brief, Specification and Evaluation</p>	<p><b>Key skills:</b>            Designing and generating Design Ideas            Making skills including forming and shaping thermoplastics            Evaluating skills</p>	
<p><b>Assessment focus</b>            Designing and generation of ideas            Making skills and safety through the practical            Evaluation skill            Theory through a Google quiz on key theory</p>	<p><b>Revision tips</b>            Use the revision materials on the Google site.  <a href="https://sites.google.com/worthinghigh.net/design-technology/ks3/year-7/year-7-action-figure">https://sites.google.com/worthinghigh.net/design-technology/ks3/year-7/year-7-action-figure</a></p>	
<p><b>Why we study it:</b> Design and technology provides skills for life and future careers. This topic will teach you skills about packaging, papers and boards and plastics. This will deliver skills that will help you if you want to consider careers in architecture, graphic design, illustration or product design.</p>		
<p><b>Mastery in this subject:</b> Independent, problem solving, accuracy molding the HIPS blister and shaping Polymorph with an excellent finish on their packaging. Students will be able to score 80% or above within their knowledge quiz.</p>		





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