

Year 7 Design & Technology Progress Criteria 2019

Research and Evaluation				
Key Piece	Foundation	Secure	Advanced	Exceptional
Existing Products	Listed keywords for good and bad points, possibly with assistance.	Basic good and bad points identified.	Good and bad points identified and explain why with some improvements.	Good and bad points identified independently with clear improvements. All are explained why.
Specification	Listed basic points to describe product, possibly with assistance.	Points are quite general with little reasoning of choices.	A design specification created with some reasons for choice.	A design specification created with reasons for choice linking to research.
Evaluation	Used yes/no answers to compare to specification. Said if product can be recycled or not.	Strengths and Weaknesses are identified in some areas of the product. Brief comments made relating to the specification.	Strengths and Weaknesses are identified in all areas of the product. Brief comments made relating to the specification.	Strengths, weaknesses and improvements identified. Product evaluated against the design specification in detail, some comparison to 6Rs made.
Design Communication				
Key Piece	Foundation	Secure	Advanced	Exceptional
Sketch and Render.	At least 1 design drawn.	Produced designs. Added some colour neatly.	Produced designs using some enhancement skills. Added colour neatly.	Produced designs using a range of technical skills. Colour and texture applied neatly.
Annotate	Some parts individually labeled possibly with assistance.	Designs/parts labeled	All parts/designs labelled accurately using correct technical terms.	Detailed annotation relating to design specification.
Modelling/ Practical	Produced a basic quality model/product, possibly with assistance.	Produced a good quality model/product.	Produced an excellent quality model/product.	Produced an excellent quality model/product using a variety of techniques.
Making and Technical Knowledge				
Key Piece	Foundation	Secure	Advanced	Exceptional
Final Design Materials	Materials being used are listed with some assistance.	Name the materials used for their product.	Name the materials used and the suitability for their product with properties.	Secure + with consideration of alternatives and why.
Technical Knowledge	Main tools used during making are listed, possibly with assistance.	List each tool or piece of equipment and its use.	Listed tools plus an explanation of why that tool was chosen.	Secure + plus a consideration of what other tools could have been used and why.
Product	Produced a basic quality model/product, possibly with assistance.	Produced a good quality model/product.	Produced an excellent quality model/product.	Produced an excellent quality model/product using a variety of techniques.