

## Year 7 Design and Technology Assessment Grid – Resistant Materials

YEAR 7	INVESTIGATION.	DESIGNING	PLANNING	PRODUCING	EVALUATION
<b>Y7.9</b>	<p>I have a <b>sound</b> knowledge and understanding of the brief and specification.</p> <p>I can collect a <b>good</b> range of relevant research materials.</p> <p>I can complete a <b>good</b> analysis of the research but parts <b>may/may not</b> be accurate.</p> <p>I can <b>begin to apply</b> my research when producing my design ideas.</p> <p>I can <b>begin to justify</b> and carry out some further research where appropriate.</p>	<p>I can show a <b>good</b> understanding of the specification requirements when generating my ideas.</p> <p>I can produce ideas using a <b>good</b> range of presentation techniques.</p> <p>I can annotate my ideas in <b>detail</b> and <b>begin to justify</b> my choice of materials/processes.</p> <p>I can consider <b>some</b> social, moral and cultural issues and discuss them in <b>detail</b>.</p> <p>I have an <b>adequate</b> level of communication and presentation.</p>	<p>I can show <b>good/some</b> evidence of forward planning.</p> <p>I can produce a <b>workable</b> plan providing a step by step approach and lists <b>most</b> the equipment, materials required</p> <p>I have <b>adequate</b> knowledge of how long each process will take.</p> <p>I can include <b>most</b> quality and safety controls on my plan.</p>	<p>I can work with a <b>minimal level</b> of supervision.</p> <p>I can use a <b>range</b> of equipment, materials and techniques to a <b>good</b> standard.</p> <p>I can use a <b>range</b> checking procedures as I make my product.</p> <p>I can produce a <b>well-made</b>, well presented product that works <b>extremely well</b>.</p> <p>My product <b>may/may not</b> be commercially viable</p>	<p>I can evaluate my final solution showing a <b>good</b> level of detail.</p> <p>I can use a <b>range</b> of consumer opinions</p> <p><b>Most</b> suggestions are justified and a <b>range</b> of examples are given.</p> <p>I can use <b>most</b> ACCESS FM in a <b>detailed</b> manner.</p>
<b>Y7.8</b>	<p>I have <b>some</b> knowledge and understanding of the brief and specification.</p> <p>I can collect <b>3 or 4</b> pieces of research material but this <b>may/may not</b> be relevant.</p> <p>I can complete a <b>fair</b> analysis of the research but parts <b>may not</b> be accurate.</p> <p>I <b>may/may not apply</b> my research when producing my design ideas.</p> <p>I can carry out some further research but this <b>may/may not</b> be justified.</p>	<p>I can show <b>an</b> understanding of the specification requirements when generating my ideas.</p> <p>I can produce ideas using <b>2 or 3</b> presentation techniques.</p> <p>I can annotate my ideas in <b>some detail</b> but <b>may/may not justify</b> my choice of materials/processes.</p> <p>I can show an <b>awareness</b> of social, moral and cultural issues and discuss them.</p> <p>I have an <b>adequate</b> level of communication and presentation.</p>	<p>I can show <b>some</b> evidence of forward planning.</p> <p>I can produce a <b>workable</b> plan providing a step by step approach and lists <b>some</b> the equipment, materials required</p> <p>I have <b>adequate</b> knowledge of how long each process will take.</p> <p>I can include <b>most</b> quality and/or safety controls on my plan.</p>	<p>I can work with <b>some level</b> of supervision.</p> <p>I can use <b>most</b> equipment, materials and techniques to a <b>good</b> standard.</p> <p>I can use checking procedures as I make my product.</p> <p>I can produce a <b>well-made</b>, well presented product that works <b>extremely well</b>.</p> <p>My product <b>may not</b> be commercially viable</p>	<p>I can evaluate my final solution showing <b>some</b> level of detail.</p> <p>I can use <b>some</b> consumer opinions</p> <p><b>Some</b> suggestions are justified and <b>some</b> examples are given.</p> <p>I can use <b>some</b> elements of ACCESS FM in a <b>detailed</b> manner.</p>
<b>Y7.7</b>	<p>I have a <b>basic</b> knowledge and understanding of the brief and specification.</p> <p>I can collect <b>2 or 3</b> pieces of research material but this <b>may not</b> be relevant.</p> <p>I can complete a <b>basic</b> analysis of the research but parts <b>may not</b> be accurate.</p> <p>I <b>may not apply</b> my research when producing my design ideas.</p> <p>I can carry out limited further research but this <b>may not</b> be justified.</p>	<p>I can show <b>an awareness</b> of the specification requirements when generating my ideas.</p> <p>I can produce ideas using <b>1 or 2</b> presentation techniques.</p> <p>I can annotate my ideas in <b>some detail</b> but <b>do not justify</b> my choice of materials/processes.</p> <p>I can show an <b>awareness</b> of social, moral and cultural issues but they are <b>not discussed</b>.</p> <p>I have an <b>adequate</b> level of communication <b>and/or</b> presentation.</p>	<p>I am aware of the need for forward planning.</p> <p>I can produce a <b>workable</b> plan providing a step by step approach but the equipment, materials required <b>may/may not</b> be missing</p> <p>I have <b>some</b> knowledge of how long each process will take.</p> <p>I can include <b>most</b> quality and/or safety controls on my plan.</p>	<p>I can work with <b>some level</b> of supervision.</p> <p>I can use <b>most</b> equipment, materials and techniques but <b>may</b> need help</p> <p>I can understand the need for checking procedures as I make my product but these <b>may not</b> be applied</p> <p>I can produce a complete product, displaying it to <b>good</b> effect.</p>	<p>I can evaluate my final solution showing a <b>basic</b> level of detail.</p> <p>I can use <b>some</b> consumer opinions</p> <p>A <b>few</b> suggestions and <b>some</b> examples are given but may not be justified.</p> <p>I can use <b>some</b> elements of ACCESS FM.</p>

Y7.6	<p>I have a <b>limited</b> knowledge and understanding of the brief and specification.</p> <p>I can collect <b>1 or 2</b> pieces of research material but this <b>may not</b> be relevant.</p> <p>I can complete a <b>partial</b> analysis of the research but this <b>may not</b> be accurate.</p> <p>I <b>do not apply</b> my research when producing my design ideas.</p>	<p>I have a <b>limited</b> understanding of the brief and/or the specification.</p> <p>I can produce <b>basic</b> ideas using <b>1 or 2</b> presentation techniques.</p> <p>I can label my ideas but my choice of materials/processes may not be shown.</p> <p>I can list <b>one</b> social/moral and/or cultural issues.</p> <p>I have a <b>basic</b> level of communication <b>and/or</b> presentation.</p>	<p>I can produce a <b>simple</b> step-by-step plan but many elements will be missing.</p> <p>The plan <b>may/may not</b> be workable</p> <p>I can give <b>1 or 2</b> basic safety checks</p>	<p>I can complete the practical work but <b>need</b> supervision.</p> <p>I can use <b>some</b> equipment, materials and techniques but <b>need help</b>.</p> <p>I can produce a complete product, but it <b>lacks</b> a quality finish.</p> <p>I <b>need</b> help to complete my work</p>	<p>I can make some <b>basic</b> comments and <b>may/may not</b> suggest improvements.</p> <p>I can use <b>2 or 3</b> elements of ACCESS FM.</p>
Y7.5	<p>I have a <b>limited</b> understanding of the brief and specification.</p> <p>I can collect <b>1 or 2</b> pieces of research material but this <b>may not</b> be relevant.</p> <p>I can give <b>1 or 2</b> points in the analysis of the research but this <b>may not</b> be accurate.</p> <p>There is <b>no link</b> to my research when producing my design ideas.</p>	<p>I can produce <b>basic</b> ideas that use pencil and colour</p> <p>I can label my ideas but my choice of materials <b>may not</b> be shown.</p> <p>I can list <b>one</b> social/moral and/or cultural issue.</p> <p>I have a <b>basic</b> level of communication <b>and/or</b> presentation.</p>	<p>I can produce a <b>simple</b> step-by-step plan but many elements will be missing.</p> <p>The plan <b>may/may not</b> be workable</p> <p>I can give <b>1 or 2</b> basic safety checks</p>	<p>I can complete the practical work but <b>need</b> help.</p> <p>I can use <b>some</b> equipment, materials and techniques but <b>need help</b>.</p> <p>I can produce a complete product, but it <b>lacks</b> a quality finish.</p> <p>I <b>need a lot</b> of help to complete my work</p>	<p>I can make some <b>basic</b> comments but <b>may not</b> suggest improvements.</p> <p>I can use <b>1 or 2</b> elements of ACCESS FM.</p>
Y7.4	<p>I have a <b>limited</b> understanding of the brief.</p> <p>I can collect <b>1 or 2</b> pieces of research material <b>with guidance</b>.</p> <p>I can give <b>1 or 2</b> points in the analysis of the research <b>with guidance</b>.</p>	<p>I can produce <b>basic</b> ideas that use pencil but <b>may/may not</b> be coloured</p> <p>My ideas <b>may/may not</b> be labelled.</p> <p>I have a <b>very simple</b> level of communication <b>and/or</b> presentation.</p>	<p>I can produce a <b>simple</b> step-by-step plan containing <b>2 or 3</b> points.</p> <p>The plan <b>may not</b> be workable.</p> <p>I am <b>aware</b> of the basic safety checks but these are <b>not</b> listed.</p>	<p>I can complete the practical work but <b>need</b> supervision.</p> <p>I can use <b>some</b> equipment, materials and techniques but <b>need help</b>.</p> <p>I can produce a complete product, but it <b>lacks</b> a quality finish.</p> <p>I <b>need</b> help to complete my work</p>	<p>I can make some <b>basic</b> comments but <b>may not</b> suggest improvements.</p> <p>I can use <b>1 or 2</b> elements of ACCESS FM.</p>