

	Inquiring and Analyzing	Creating the Solution
0	The student does not reach any of the below standards.	The student does not reach any of the below standards.
1-2	<ul style="list-style-type: none"> <li>• <b>states</b> the need for designer research</li> <li>• <b>states some</b> of the main findings of research</li> </ul>	<ul style="list-style-type: none"> <li>• <b>demonstrates</b> minimal technical skills when making the final product</li> <li>• <b>creates</b> the product, which functions poorly and is not complete</li> </ul>
3-4	<ul style="list-style-type: none"> <li>• <b>outlines</b> the need for designer research</li> <li>• <b>states</b> the research needed to <b>develop</b> designer research to the problem, <b>with some guidance</b></li> <li>• <b>develops</b> a <b>basic</b> design brief, which <b>outlines some of the findings</b> of relevant research</li> </ul>	<ul style="list-style-type: none"> <li>• <b>demonstrates</b> satisfactory technical skills when making the product</li> <li>• <b>creates</b> the final product, which is presented adequately</li> <li>• <b>states</b> one change made to the chosen design or plan when making the product</li> </ul>
5-6	<ul style="list-style-type: none"> <li>• <b>explains</b> the need for designer research to a problem</li> <li>• <b>constructs</b> a research plan, which <b>states</b> and <b>prioritizes</b> the primary and secondary research needed to <b>develop</b> designer research to the problem, with some guidance</li> <li>• <b>develops</b> a design brief, which <b>outlines</b> the <b>findings</b> of relevant research.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>demonstrates</b> competent technical skills when making the product</li> <li>• <b>creates</b> the product, which functions as intended and is presented appropriately</li> <li>• <b>states</b> one change made to the chosen design and plan when making the product</li> </ul>
7-8	<ul style="list-style-type: none"> <li>• <b>explains</b> and <b>justifies</b> the need for designer research</li> <li>• <b>constructs</b> a research plan, which <b>states</b> and <b>prioritizes</b> the primary and secondary research needed <b>independently</b></li> <li>• <b>develops</b> a design brief, which <b>presents</b> the <b>analysis</b> of relevant research.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>demonstrates</b> excellent technical skills when making the product</li> <li>• follows the plan to <b>create</b> the actual product, which functions as intended, and is presented appropriately</li> <li>• <b>lists</b> the changes made to the chosen design and plan when making the final product</li> </ul>