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| **Achievement level** | **Criterion A: Investigate**  **Level descriptor** | |
| **0** | You did not reach a standard described by any of the descriptors given below. |  |
| **1–2** | You **stated** the problem.  You investigated the problem, collecting information from **few** sources.  You listed some specification points. | You have explained the idea of designer products superficially. You have completed some of the requested research and have only used secondary sources.  You have list few specification points. |
| **3–4** | You **described** the problem, mentioning its relevance.  You investigated the problem, selecting and analysing information from **some** acknowledged sources.  You described a test to evaluate the product/solution against the design specification. | You have described the concept of designer products and have given examples. You have analysed several speakers and have completed all of the requested research,  You have used mostly secondary sources of information, with some information gained from primary sources.  You have summarized your research and design a detailed design specification (desired/required) and have described a test for your finished product. |
| **5–6** | You explained the problem, discussing its relevance.  You critically investigated the problem, evaluating information from a **broad** **range** of appropriate, acknowledged sources.  You described **detailed** **methods** for appropriate testing to evaluate the product/solution against the design specification. | You have fully explained the concept of designer products and have highlighted the effect on speaker design as well as the broader implications.  You have fully researched all of the requested topics and have clearly demonstrated a good understanding of the practicalities of speaker design. You have clearly used primary sources of information wherever possible and supplemented with quality secondary sources.  You have written a detailed design specification (desired/required) based upon your research and have explain exactly how you can test your speakers with your client. |