

An additional task for the Product Design course.

Channel 4/ More 4 Catch up – How to Build British: Episode 2, Aston Martin and Episode 3, Morgan.

Watch these two programmes that deal with the production of two very different iconic British sports cars. If you have already watched them do it again, but this time view it from a Technologists perspective.

Focus on the following aspects:

- The design challenges each company set out to undertake and the methods by which these were developed into the final product.
- Compare how these companies manufacture their cars, Aston Martin making use of cutting edge adhesives to bond the panels together, Morgan hand rolling aluminium sheet and still using traditional wood shaping techniques.
- Compare and contrast the levels of reliance on the use of CAD and CAM between the two companies.
- Look for examples where specific physical properties of a material have made it the best choice for a component.
- Identify where the product is tested and where Quality Assurance is evident.

You do not have to make notes as such, but we will be discussing and sharing what you have discovered when we meet in September.