



Technology Curriculum Enrichment – Homework



Categories	Year7	Year 8	Year 9
Further Reading	Pewter Casting Project https://technologystudent.com/equip1/pewter1.htm Phone holder Project https://fractory.com/what-is-computer-aided-manufacturing-cam/ How Is Plastic Made? A Simple Step-By-Step Explanation (bpf.co.uk) Bug Hotel Project How to Build a Bug Hotel - Woodland Trust	Sweet dispenser Project http://www.differencebox.com/engineering/difference-between-temporary-joining-and-permanent-joining/ 3d Printing Project https://www.3dnatives.com/en/food-3d-printing220520184/ Sustainability Project The Agency of Design Colour Changing light Project LED Bulb - Lighting History, LED History TCP Lighting (tcp.com)	Lighting Project Anglepoise, under the spotlight - Design Museum Lithography Tate Personal storage Project What is Sustainable Design? — updated 2024 IxDF (interaction-design.org) Team INEOS Project Sports INEOS Group INEOS Britannia
Films or Documentaries	Mysterious origins of insects BBC iPlayer - Mysterious Origins of Insects Life on Earth BBC iPlayer - Life on Earth - 4. The Swarming Hordes	3d Printing a concrete house! How Concrete Homes Are Built With A 3D Printer Insider Art (youtube.com) 3D Printing food? Is 3D Printed Food the Future? (youtube.com)	Sir Ben Ainslie on the America's Cup, INEOS and Sir Jim Ratcliffe (youtube.com)
Education Visits	Pembrokeshire: Home - The Bug Farm London: The Natural History Museum Creepy Crawlies gallery Natural History Museum (nhm.ac.uk)	Cornwall: The Eden Project	London: Design Museum Home - Design Museum
Research Projects	Can you build a hedgehog home? How to build a hedgehog home Devon Wildlife Trust	What companies are accused of greenwashing and what actually is it? WWF Guide to Greenwashing WWF	What will the light bulb look like in twenty years time? A spark of genius - the history of the light bulb (seriousreaders.com)