



Summer Bridging Work

Subject: Design & Technology – (GCSE – EDUQAS) 9-1

Year: Yr 10

Topic/Title: Electronic Systems and Programmable Components
Suggested background reading: BBC Bitesize - Electronic Systems – <i>Concentrate on microcontrollers</i> <ul style="list-style-type: none">• https://www.bbc.co.uk/bitesize/guides/zh8ck2p/revision/1
Write down the main advantages of microcontrollers.
Relevant films/videos to watch: Use the BBC Bitesize website below to view two videos that will help put Electronic Systems and microcontroller into context. BBC Bitesize https://www.bbc.co.uk/bitesize/articles/zrcxhbk Describe the five things you have learnt about microcontrollers (Not advantages as above) Also describe the meaning of and input, process, and output in electronic systems.
Activity to undertake: <ol style="list-style-type: none">1. Write down the main advantages of microcontrollers.2. Describe the five things you have learnt about microcontrollers.3. Describe the meaning of and input, process, and output in electronic systems.

Upload task into the **current** Google Classroom

Students to hand in by August 31st

Copy of summer bridging work task to ST