

BTEC Level 3 in IT and Level 3 AAQ IT

Pre – Induction Task 2025

Over the summer holiday you are expected to undertake some personal research on a topic. It is imperative as a student of the college that you embrace the idea of being an 'independent learner'. Essentially this means you can think for yourself, research effectively without guidance, be able to review information from a range of sources to enable you to problem solve and be able to apply new knowledge and conceptual understanding to a range of new settings. Life will require you to be an 'independent learner', and so this is an important employability skill.

The piece of work attached to this front sheet must be completed and shared with your teacher when you return by ***1st September 2025. Please have it saved in your personal email account so you can download it in the induction period.***

Brief

Technology is used in every walk of life – obvious and hidden uses help us to live our lives to run more efficiently and safely. During your course you will consider the impact of IT on society and investigate future developments. What will the world be like when you reach your 40th birthday? Will your kids be learning to drive cars or spaceships, or will they need to drive anything? This task that you will work on over the summer will set the scene for your units next year and help you to keep your research skills finely tuned.



The Task

Choose one of the developments from the list and...

- Explain the history of the development
- how it is used
- how much it costs
- Intended uses in the future.

You can present your work as a **podcast, videocast, written report, series of posters or web pages** – the method of presentation is your choice. The topics to choose from are:



- **Self-driving cars**
- **Virtual Reality**
- **Goal Line Technology**
- **Smart Homes**
- **AI**
- **Cybersecurity**



***Before you start
college you will have:***

- Carried out **independent research**
- **Written a summary** of the research you have done
- **Listed your sources** in a bibliography (**AI generated work will be detected and required for resubmission**)
- **Evaluated your work with feedback from others** in relation to future developments and performance (conclusions and predictions)

This work will form the part of your induction process so It's important that you complete these tasks to the best of your ability, it will be well worth it when you start in September.

Remember that success is a result of what **you do – not a game of chance.**