Crewe Engineering & Design UTC

Curriculum Summary – IT (Year 11)

Autumn	Spring	Summer
You will practice how to plan and design an AR resource as well as develop and test the prototype version. It is always important to reflect on work that you have carried out, so you will learn how to reflect on the processes that you followed and consider what you have learnt from your studies and the practical activities you have carried out. You will complete a practice assignment before completing your second piece of coursework based on Augmented Reality.	In our interactions with IT, we use different types of devices (hardware), which we need software to be able to carry out the tasks. Smart devices connect to the Internet of everything (IoE). You will learn what IoE is and how it is used in a range of different application areas. As data is collected, stored and processed when we use IT, it is important that this data is kept secure. You will learn about the different types of threats to data and digital devices, and the measures that can be taken to prevent these threats, including the legislation that relates to the use of IT.	In this term you will prepare for the external exam.