

Curriculum Area - IT

Overview 2021/22

The skills and knowledge being taught in each half term for each year group.

	HT1	HT2	HT3	HT4	HT5	HT6
Year 10 – Digital IT	Developing an understanding of a range of different user interfaces used by businesses and organisations.	Hardware/ software capabilities and how they have an impact on the choice of user interface	Hardware and software breakdown. What software do we use to complete specific tasks	Design principles – How do we ensure target audience is engaged and understands the interface created	Impact of the use of sound/ voice within interfaces. The accessibility available and how it has changed the world for people who have disabilities/ learning difficulties	Project planning – How do we plan to complete a specific IT based project for a large organisation
Year 11 – Digital IT	Understanding the need for network's in today's society. Ad hoc networks / Virtual networks and remote working strategies	Introduce students to the different features of cloud storage, including access rights, synchronisation, 24/7 availability and scalability	Implications for organisations when choosing cloud technologies including: disaster recovery considerations, security of data, compatibility, maintenance, getting the service/storage up and running and performance considerations.	Introduce students to how modern technologies can be used to manage modern teams, including collaboration tools, communication tools, scheduling and planning tools	Students research online-meeting software, such as GoToMeeting and range of other online software which is now being used. Student evaluate in detail and see what the software of the future will look like	Recap in preparation for final examination.