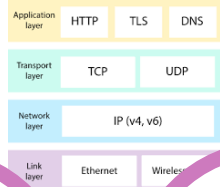


Computing Curriculum Map (Year 9)

[2022 – 2023]



Assessment of MWP – knowledge and understanding

Modern Working Practices



Assessment of Networks – knowledge and understanding

Introduction to Networks



Year 9 – Term 3 - Key concepts: Impact of IT on the working environment; Collaboration and Communication tools; Remote working; Accessibility and Inclusivity; Social, moral and ethical impact.

Year 9 – Term 3 - Key concepts: The internet; LAN and WAN; IP addressing and URLs; Packet switching; Network topologies; Client – Server networks and Cloud Computing; Encryption and Data security.



Data Representation

Assessment of Data Representation – knowledge and understanding

Developing more Complex Data Models

Assessment of Data Modelling – knowledge and understanding

Year 9 – Term 2 - Key concepts: Using digital media; understanding binary concepts of media files; real life situations; file compression; manipulating media files.

Year 9 – Term 2 - Key concepts: Recap basic formula and functions; Conditional formatting ; Data validation; Using Goal seek; Use of appropriate charts; adding Macros.



Assessment of Python programming- knowledge and understanding

Next Steps in Python Programming

Assessment of Using Media – skills, knowledge and understanding

Using Media to promote a Cause

Rules of the Computer room

Year 9 – Term 1 - Key concepts: Key concepts: Recap basic programming concepts (S,S,I); Count and condition controlled loops; Defining and calling functions and procedures.

Year 9 – Term 1 - Key concepts: Develop Digital literacy skills; Formatting skills; Export licenses and legal issues; Create their own blog.