Year 5-6 Topic Unit Map

plan, create and communicate ideas and information, including collaboratively online, applying agreed ethical, social and technical protocols

explain how student solutions and existing information systems are sustainable and meet current and future local community needs

define problems in terms of data and functional requirements drawing on previously solved problems

design, modify and follow simple algorithms involving sequences of steps, branching and iteration

design a user interface for a digital system

implement digital solutions as simple programs involving branching, iteration and user input

examine the main components of common digital systems and how they may connect together to form networks to transmit data

examine how whole numbers are used to represent all data in digital systems

acquire, store and validate different types of data, and use a range of software to interpret and visualise data to create information

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