



Beyond Lipson

Year
13

Year 13
 Digital marketing –Holders of information & Types of information storage and media
 Information styles, classifications and their uses
 Information Technologies Policy and Practice
 Information sources, data types and data flow
 Planning & developing Social Media digital marketing campaigns

Year
12

Year 12
 How applications are designed
 Methods of mobile device connectivity
 Computer components and operating systems
 Mobile technologies and ethical implications
 Feasibility study-costs, risks, constraints & training
 Business systems, standardisations of design

Year
11

Year 11
 Understand how data is collected by organisations and its impact on individuals
 Be able to create a dashboard using data manipulation tools
 Be able to draw conclusions and review data presentation methods
 The Wider Implications of IT
 Forms of Notation

Year
10

Year 10
 Understand interface design for individuals and organisations
 Be able to use project planning techniques to plan, design and develop a user interface
 Be able to review a user interface
 Developing the User Interface
 Modern Technologies
 Cyber-Security

Year
9

Year 9
 Using IT Systems for Control
 Using Multi-Media Software
 Spreadsheet Skills
 Shared Data
 Internet Threats
 IT Legislation

Year
8

Year 8
 Binary numbers and data representation
 Understanding Boolean logic
 Algorithms and visual programming
 Strings, Variables & Data Types
 Textual Programming

Year 7
 E Safety & Web Design
 Creating a website & related content for a set audience
 Components of computer systems and their functions
 Hardware, software and applications
 Networks and Protocols
 Ethical issues of Data Management

Year
7

ICT Pathway

KS2