



COMPUTING / BTECH ICT

KEY STAGE 3  
Computing



| Autumn Term:                                                                                          | Spring Term:                                                                                                                                              | Summer Term:                                                                                                      |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Cyber Security<br>Data Privacy<br>Data Security<br>Threats & Mitigations<br>Data Science<br>Data sets | Option Projects<br>Option Projects<br>Checklist<br>Learn about ICT skills<br>Demonstrate creativity<br>Physical Computing<br>Embedded Systems<br>Hardware | Data representation<br>Sounds<br>Compression<br>Impacts of Technology<br>Computer misuse<br>Privacy & Tech issues |

KEY STAGE 4  
BTECH ICT



| Summer Term:<br>Component 3:       | Spring Term:<br>Component 3:       | Autumn Term:<br>Component 2:                 | Summer Term:<br>Component 2:                 | Spring Term:<br>Continuation of component 1                                       | Autumn Term:<br>Component Exploring User Interface |
|------------------------------------|------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|
| Effective Digital Working Practice | Effective Digital Working Practice | Collecting, Presenting and Interpreting Data | Collecting, Presenting and Interpreting Data | Exploring User Interface<br><br>Design Principles and Project Planning Techniques | Design Principles and Project Planning Techniques  |

