

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|--------|---|---|---|--|---|---|
| Year 7 | Topic: Computational Thinking Concept | Topic: Computer System and Networking | Topic: Data Representation of Numbers | Topic: Introduction to HTML | Topic: Introduction to Programing: Turtle | Topic: Introduction to Programing |
| | Content taught: <ul style="list-style-type: none"> ● Abstract ● Decompositions ● Algorithm ● Generalisation ● Evaluation | Content taught: <ul style="list-style-type: none"> ● Blogging ● Uploaded data ● Coding | Content taught: <ul style="list-style-type: none"> ● Binary Additions ● 8 bit | Content taught: <ul style="list-style-type: none"> ● HTML coding ● Web page design ● HTML commands | Content taught: <ul style="list-style-type: none"> ● Research ● Coding ● Commands | Content taught: <ul style="list-style-type: none"> ● Variable ● Data Type ● IF Function ● Physical Computing ● Microbit ● Robotic |
| Year 8 | Topic: Computer Hardware | Topic: Data Representation | Topic: Logic Gate | Topic: Algorithm | Topic: Introduction to Programing | Topic: Developing Programing |
| | Content taught: <ul style="list-style-type: none"> ● CPU ● LMC ● Memory ● Storage ● Hardware ● Software ● Digital graphic attributes ● Compression ● File types ● Colour modes | Content taught: <ul style="list-style-type: none"> ● Number ● Character ● Image ● Spreadsheets ● Sources tables ● Searching the internet (Boolean) | Content taught: <ul style="list-style-type: none"> ● AND ● OR ● NOT ● Photoshop ● Digital Graphics Theory ● Image attributes ● File types ● Pre-production documents | Content taught: <ul style="list-style-type: none"> ● Flowchart ● Pseudocode ● Loops ● Conditional statements ● Variables | Content taught: <ul style="list-style-type: none"> ● Variable ● Data Type ● IF Function ● Web - App device ● HTML+CSS ● E-Safety project using AppShed | Content taught: <ul style="list-style-type: none"> ● Menu ● Loops ● List ● Creating documentation ● Project management skills ● Creating an assignment document, Sources tables, research, timelines and checklists, pre-production documents. |