

## Curriculum - GCSE Computer Science

| School Week w/c    |                                      | Week 1                                    | Week 2                         | Week 3                          | Week 4                          | Week 5                          | Week 6                      | Week 7 | Week 8 | KAP 1    | Oct Half Term                         |                                 | Week 9            | Week 10                         | Week 11     | Week 12  | Week 13                         | Week 14                            | Week 15 | KAP 2                                        | Christmas Break | Christmas Break | Week 16                         | Week 17 | Week 18                | Week 19 | Week 20     | Week 21 | KAP 3 | Feb Half Term | Week 22 | Week 23 | Week 24 | Week 25 | Week 26 | Week 27 | Week 28 | KAP 4 | Easter Break | Easter Break | Week 29 | Week 30 | Week 31 | Week 32 | KAP 5 | May Half Term | Week 33 | Week 34 | Week 35 | Week 36 | Week 37 | Week 38 | Week 39 | KAP 6 | Summer | Summer | Summer | Summer | Summer | Summer |
|--------------------|--------------------------------------|-------------------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------|--------|--------|----------|---------------------------------------|---------------------------------|-------------------|---------------------------------|-------------|----------|---------------------------------|------------------------------------|---------|----------------------------------------------|-----------------|-----------------|---------------------------------|---------|------------------------|---------|-------------|---------|-------|---------------|---------|---------|---------|---------|---------|---------|---------|-------|--------------|--------------|---------|---------|---------|---------|-------|---------------|---------|---------|---------|---------|---------|---------|---------|-------|--------|--------|--------|--------|--------|--------|
| Month              | September                            |                                           |                                | October                         |                                 |                                 | November                    |        |        | December |                                       |                                 | January           |                                 |             | February |                                 |                                    | March   |                                              |                 | April           |                                 |         | May                    |         |             | June    |       |               | July    |         |         | August  |         |         |         |       |              |              |         |         |         |         |       |               |         |         |         |         |         |         |         |       |        |        |        |        |        |        |
| Year 10 Curriculum | Intro / History of Computers project | Unit 1 Systems Architecture               |                                |                                 | Unit 2 Memory and Storage       |                                 | Unit 12 Data Representation |        |        |          |                                       |                                 | Unit 8 Algorithms |                                 |             |          |                                 | Unit 3 Wired and Wireless Networks |         | Unit 4 Network Topologies, Layers, Protocols |                 |                 |                                 |         | Unit 5 System Security |         | Contingency |         |       |               |         |         |         |         |         |         |         |       |              |              |         |         |         |         |       |               |         |         |         |         |         |         |         |       |        |        |        |        |        |        |
|                    |                                      | Programming Skills Scratch / Khan Academy |                                | Unit 9 Programming (Python) WB1 |                                 | Unit 9 Programming (Python) WB1 |                             |        |        |          |                                       | Unit 9 Programming (Python) WB1 |                   | Unit 9 Programming (Python) WB1 |             |          | Unit 9 Programming (Python) WB1 |                                    |         |                                              |                 |                 | Unit 9 Programming (Python) WB2 |         |                        |         |             |         |       |               |         |         |         |         |         |         |         |       |              |              |         |         |         |         |       |               |         |         |         |         |         |         |         |       |        |        |        |        |        |        |
| Year 11 Curriculum | Unit 6 Software                      |                                           | Unit 7 Legal, Ethical Cultural |                                 | Unit 10 Data & SQL              |                                 |                             |        |        |          | Unit 11 Logic / Translators / Editors |                                 | Contingency       |                                 | Contingency |          | Revision                        |                                    |         |                                              |                 | Revision        |                                 |         |                        |         |             |         |       |               |         |         |         |         |         |         |         |       |              |              |         |         |         |         |       |               |         |         |         |         |         |         |         |       |        |        |        |        |        |        |
|                    | Unit 9 Programming (Python) WB2      |                                           |                                |                                 | Unit 9 Programming (Python) WB2 |                                 |                             |        |        |          | Programming Practice                  |                                 | Revision          |                                 |             | Revision |                                 |                                    |         |                                              |                 |                 |                                 |         |                        |         |             |         |       |               |         |         |         |         |         |         |         |       |              |              |         |         |         |         |       |               |         |         |         |         |         |         |         |       |        |        |        |        |        |        |