

Curriculum Sequencing Overview

BDS Year 7 Unit 3 - Scratch Programming

| Unit 3 | | | | | | | | |
|--------------------------|---|--------------------------|--|---------------------------|--|-----------------------|--|------------------------|
| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Date wb | 23 rd January | 30 th January | 6 th February | 20 th February | 27 th February | 6 th March | 13 th March | 20 th March |
| Key Dates | | | | | | | Knowledge assessment takes place | |
| Big Ideas (key concepts) | Tech industry careers Programming basics, running instructions in order (sequence) Saving data | | Branching in programming (selection) Logic (AND, OR, NOT) FOR loops (count controlled iteration) | | Making programs efficient (sub routines) Condition controlled loops Listing data | | Assessing skills learnt Skills task Knowledge test | |
| Lesson Topics Sequence | 1. Careers in the tech industry 2. Sequencing programming instructions 3. variables (manipulating data) | | 4. Selection (Making decisions) 5. Operators (computer logic) 6. Count-controlled loops | | 7. Creating sub routines (program efficiency) 8. Condition-controlled loops (while loops) 9. Using lists | | 10. Problem solving (Assessment) 11. Printing and annotating 12. KTA | |
| Key Assessments | | | | | | | Independent task Knowledge test | |
| Home Learning | Set 1 & 2 (10 to learn) | | Set 3 & 4 (11 to learn) | | Set 5 & 6 (7 to learn) | | Revise all 28 terms. Choose 8 to write down in your practice book | |