Years 3/4: Recommended sequence of learning

Core sequence

Year 3

- Start
- Blockly Wombot
- Monster Maker
- More Monster Maker
- Scratch: Get Started
- Scratch: Get Moving

Year 4

- Scratch: Get Interactive
- Scratch: Get looping
- DT Laundry

Extension activities

- Blockly micro:bit Blast-off!
- Scratch: Get looping
- Blockly: Get started

Key:
- Python version also available
- Blockly version also available
Years 5/6: Recommended sequence of learning

**Core sequence**

- **Start**
  - Blockly: Get Started
  - Blockly Turtle
  - All at Sea Assessment
  - Maze Escape Offline activity
- **NCSS Challenge (Newbies Blockly)**
- **Intro to Programming (Blockly)** Course
- **Lego Algorithmics** Offline activity
- **Python Smart Garden**

**Extension activities**

- **Blockly Satellite**
- **Number Guessing with Algorithms** Offline activity

**Consolidation activities**

- **Blockly Intro to micro:bit**
- **Python Sport micro:bit**

**General capabilities**

- **Information privacy and security - primary**

**Key**

- Python version also available
- Blockly version also available

**Years**

- Years 3/4
- Years 5/6
- Years 7/8
Years 7/8: Recommended sequence of learning

**Core sequence**

- **Start**
  - Python networking with micro:bit
- **NCSS Challenge (Beginners Python)**
- **Python for Beginners**
  - Competition
- **NCSS Challenge (Beginners Blockly)**
- **The Gauntlet of Riddles**
  - Assessment
- **Data encryption**
- **Cryptography: Cipher Wheels**
  - Offline activity

**Consolidation activities**

- **Intro to Programming (Blockly)**
- **The Dark Tunnel (Python)**

**Extension activities**

- **Web.Comp (Beginners HTML and CSS)**
- **Data Representation**

**General capabilities**

**Key**

- Python version also available
- Blockly version also available

**Years**

- **Years 7/8**
  - 5/6
  - 7/8
- **Years 9/10**
  - 7/8
  - 9/10

**GLUE**

- 1 2
- 3
- 4 5

**Data Representation**

**Intro to Programming**

**Information Privacy and Security**
Years 9/10: Recommended sequence of learning

**Year 7/8**
- Python for Beginners
- The Gauntlet of Riddles
- Data encryption

**Year 9**
- Consolidation activities
  - NCSS Challenge (Beginners Blockly)
  - NCSS Challenge (Beginners Python)
- Core sequence
  - NCSS Challenge (Intermediate Python) Competition
  - LAN Party
- Extension activities
  - Python networking with micro:bit

**Year 10**
- Consolidation activities
- Core sequence
  - Network Security
- Extension activities
  - Convenient Stores Offline activity
  - Graph Paths and Circuits Offline activity

**Year 11/12**
- Core sequence
  - Web Application Security
- Extension activities
  - Web.Comp (Intermediate HTML and CSS) Competition

**Key**
- Python version also available
- Blockly version also available