



COMPUTER SCIENCE AT PLECKGATE YEAR 7 LEARNING JOURNEY



YEAR
7

Protecting your data

Cyberbullying

Digital Resilience

e-Safety



Social Media Safety

Grooming/CSE

HT1 Assessment



Representing data using charts

Conditional Statements/ Selection

Mathematical Operations



Data Modelling

HT2 Assessment

Modelling & Forecasting

Basic Functions

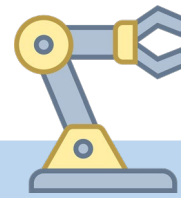
COMPUTER SCIENCE BB1
PLECKGATE HIGH SCHOOL

What is an algorithm?



Sequencing

Iteration (Loops)



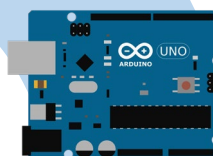
HT3 Assessment

Algorithms & Control Systems

Representing algorithms using Flowcharts

Selection

Subroutines



Problem Solving

Operators

Variables



Programming in Scratch

HT4 Assessment

Count-controlled Iteration (Loops)

Selection (If,Else)

Sequencing



Input & Output Devices

Memory

Computer Components

Mechanical Computers

History of Computer Games

EOY Assessment

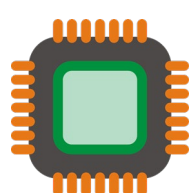


Hardware

History of Computers

History of Computers

The CPU



Storage Devices



HT5 Assessment

The Home Computing Revolution

Artificial Intelligence

