Next move....

Pleckgate HIGH SCHOOL
COMPUTER SCIENCE

Learning Journey
Y8 Computer Science
@ Pleckgate High School

Pleckgate HIGH SCHOOL
COMPUTER SCIENCE

YOU ARE HERE

Online grooming

Screen time

End of unit assessment

YEAR 8

HT1 E-Safety

ASCII Code

Binary

Binary to Decimal
1 1 0 0 0 1 1 → 99
1 1 0 0 . 1 0 1 → 12.625

Computational Thinking

HT2 Data Representation

100 001
110 101
010 111
011 000

End of unit assessment

SketchUp

3D Models

HT3 3D Modelling in Sketchup

3D Printing

Central Processing Unit

Input   Both   Output

CPU

Input and Output Devices

End of unit assessment

HT4 Computer Systems

Computer Systems Memory

// How // Computer // Memory // Works

Storage Devices

Computer Components

End of unit assessment

HT5/6 Introduction to Python

```
>>> print("Hello World!")
Hello World!
>>>
```

Loops in Python
While Loops   For Loops   Nested loops   Loop Control statements
www.educba.com

if else Statement in Python
www.educba.com

INTEGER   FLOAT
Real Python

End of unit assessment

Using If and Else statements in Python

Using Loops in Python

Year 9

End of year assessment

You did it!
Congratulations

Assessment Focus	
End of Lesson Google Form	🔴
End of Unit Google Form	🟡
In class questioning	🟢
Practical	🟣