Name:

Class:

Depth of Understanding Analysis (AfL)

Chapter 1:	**Deep**	**Good**	**Shallow**	**Help!**
I know that programming is writing instructions for computers	☐	☐	☐	☐
I know that there are many different computer languages	☐	☐	☐	☐
I know what is great about the Python language	☐	☐	☐	☐
I know how to use IDLE in interactive mode	☐	☐	☐	☐
I know how to write and run a simple program	☐	☐	☐	☐
I understand that `print()` means 'show on screen' not 'send to printer'	☐	☐	☐	☐

Chapter 2:	**Deep**	**Good**	**Shallow**	**Help!**
I know how to use the `print()` function in different ways	☐	☐	☐	☐
I know how to write and run simple maths code	☐	☐	☐	☐
I know how to output a mixture of strings, maths or numbers	☐	☐	☐	☐
I know how to write a while loop and use comparative operators	☐	☐	☐	☐

Chapter 3:	**Deep**	**Good**	**Shallow**	**Help!**
I know how to use IDLE's script mode	☐	☐	☐	☐
I can write clear readable code with comments and descriptive variable names	☐	☐	☐	☐
I know how to run a Python file	☐	☐	☐	☐
I know how to get user input	☐	☐	☐	☐
I know how to use `if`, `elif` and `else` keywords	☐	☐	☐	☐

Chapter 4:	**Deep**	**Good**	**Shallow**	**Help!**
I know how to write a function	☐	☐	☐	☐
I know how to write small programs with functions and while loops	☐	☐	☐	☐
I know what an infinite loop is and how to stop a program in one	☐	☐	☐	☐
I can copy of portions of code in IDLE	☐	☐	☐	☐

Chapter 5:	**Deep**	**Good**	**Shallow**	**Help!**
I know how to create a window using tkinter	☐	☐	☐	☐
I know how to put a small application in its own window	☐	☐	☐	☐
I know how to attach functions to keyboard presses	☐	☐	☐	☐
I know that if I 'copy and paste' a lot there is probably a better way of doing things	☐	☐	☐	☐

Individualised Learning Plan & Progress Chart

	Tasks	Consolidation:
Chapter 1		Idea 1 ☐ Idea 2 ☐
The "Hello World" program	☐	
Chapter 2		Puzzle 1 ☐ Puzzle 2 ☐ Puzzle 3 ☐
Escape sequence experiment (page 18)	☐	
Maths operator experiment (page 21)	☐	
While loop programs (pages 22 and 23)	☐	
Chapter 3		Idea 1 ☐ Idea 2 ☐ Challenge ☐
`input()` experiment (page 35)	☐	
Write, save and run the Magic 8 Ball app	☐	
While loop programs (pages 22 and 23)	☐	
Chapter 4		Idea 1 ☐ Idea 2 ☐ Idea 3 ☐
Write a `times_tables()` function that takes one argument	☐	
Write a `times_tables()` function that takes two arguments	☐	Idea 4 ☐
Load and run the number guessing game	☐	
Chapter 5		Q.Idea 1 ☐ Q.Idea 2 ☐ Q.Idea 3 ☐
The EtchASketch® program	☐	
Loaded and run `ourEtchASketch.py`	☐	Q.Idea 4 ☐ Puzzle ☐
	Extra Ideas (easy):	E.Idea 1 ☐ E.Idea 2 ☐ E.Idea 3 ☐
		E.Idea 4 ☐ E.Idea 5 ☐
	Extra Ideas (hard):	E.Idea 6 ☐ E.Idea 7 ☐ E.Idea 8 ☐

Summative Test score:

Comment: