

Name:

Class:

Depth of Understanding Analysis (AfL)

Chapter 1:

I know how to create a variable and change its value

Deep Good Shallow Help!

I know how to write a function and then call it in my program

I know how to import a module such as `turtle`

I know how to make a turtle move around the screen

I know how to lift and lower the pen when using turtle.

Chapter 2:

I know how to use a while loop

Deep Good Shallow Help!

I know how to import the `turtle` module in two different ways

I know how to draw squares, triangles and polygons using `turtle`

I know how to add colour to my shapes.

Chapter 3:

I know how to change the colour of the turtle, the background and the pen

Deep Good Shallow Help!

I know how to fill shapes with colour

I know how to change the speed of the turtle

I know how to organise my code so it is easy to experiment with.

Chapter 4:

I know how to display an image on a canvas

Deep Good Shallow Help!

I know how to trigger functions on keyboard input

I know how to store line coordinates in variables

I can slowly solve a problem by making little changes and testing regularly.

Chapter 5:

I know how to add functions to change the line colour

Deep Good Shallow Help!

I know how add functions to change line thickness

I know how to load images and add them to buttons

I know how to attach function calls to buttons

Chapter 6:

I know how to organise buttons in the frame widget

Deep Good Shallow Help!

I know how to make a function that allows the user to add images to the canvas

I know how to attach function calls to mouse events

Individualised Learning Plan & Progress Chart

	Tasks	Consolidation:		
Chapter 1				
The "Hello World" program	<input type="checkbox"/>	Idea 1	Idea 2	Idea 3
Turtle experiments (page 12)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chapter 2				
Make circles, triangles and polygons (pages 19 and 20)	<input type="checkbox"/>	Challenge1	Challenge2	Challenge3
Adding colour (page 22)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawing squares (pages 23 and 24)	<input type="checkbox"/>	Challenge4	Challenge5	Challenge6
Drawing squares with a loop (page 25)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Challenge7	Challenge8	
		<input type="checkbox"/>	<input type="checkbox"/>	
Chapter 3				
Many circles (page 30)	<input type="checkbox"/>	Idea 1	Idea 2	Idea 3
Getting colourful (page 32)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
An exotic flower (page 35)	<input type="checkbox"/>			
A fractal tree (page 37)	<input type="checkbox"/>			
Chapter 4				
Load and run myArtApp.py (page 44)	<input type="checkbox"/>	Challenge1	Challenge2	Challenge3
Add a background image to myArtApp.py (page 47)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Add pen_up() and pen_down() functions	<input type="checkbox"/>			
Chapter 5				
Add pen colour functionality to your App	<input type="checkbox"/>	Idea 1	Idea 2	Idea 3
Add colour buttons to the App	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Add line thickness buttons to the App	<input type="checkbox"/>	Idea 4		
		<input type="checkbox"/>		
Chapter 6				
Add an image stamp button	<input type="checkbox"/>	Idea 1	Idea 2	Idea 3
Add the character image stamp buttons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Add the ability to paint with the mouse	<input type="checkbox"/>	Idea 4	Idea 5	Idea 6
Download the bonus Apps and try them out, then examine the code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		Idea 7	Ch. 1	Ch. 2
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		B. Ch 1	B. Ch 2	B. Ch 3
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		B. Ch 4	B. Ch 5	B. Ch 6
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Summative Test score:

Comment: