Year 8: ASK Yourself!

Subject: ICT
Unit: Whole Year

	Launching	Developing	Progressing	Mastering
S kills				
Programming	I can use basic commands to create a program.	I can use variables with suitable names and user input in my code.	I can use loops in my program (for and / or while loops).	I can use IF statements to demonstrate branching in my program. I can use lists.
iMedia	I can edit a graphic. I can create a basic website.	I can remove backgrounds on images. I can create a website to meet a scenario using basic tools.	I can adapt sizes and resolutions on graphics. I can create a website to meet a scenario using master pages.	I can edit graphics using more advanced tools to make effective final images. I can create an effective website to meet a scenario using advanced tools.
Databases	I can set the most appropriate data types and field sizes for fields in a database table. I can create simple queries from a database table.	I can create parameter and comparison queries. I can create forms with buttons.	I can add validation onto my database, such as drop-down lists. I can create reports of queries and data from a table.	I can include input masks into my database tables. I can edit my report to make suitable for printing.
Spreadsheets	I can name worksheets. I can use basic formulas in a worksheet.	I can sort and filter data. I can create graphs. I know how to use basic functions such as =SUM (), =MAX().	I can hide rows/columns. I can create graphs with non-adjacent cells.	I can use freeze panes. I can use more advanced filters and sorts. . I can print worksheets to one page.

K nowledge				
Programming Updated	I know how to convert binary. I know how to display data on the screen using Small Basic.	I know what a variable is and what suitable variable names are.	I understand when to use a FOR loop and when to use a WHILE loop.	I know why lists are more efficient than variables.
iMedia	I know the purpose of a mind map. I know how to use speech bubbles in a comic.	I know how to save my graphic in an appropriate file format. I know how panels can be laid out in a comic.	I know how to use JPG and PNG when saving images. I understand what is meant by story flow.	I understand about copyright and resolution when using images. I understand how to make my comic consistent.
Databases	I know the term database.	I know criteria for advanced queries including comparison symbols.	I know what validation is.	I know what an input mask is.
Spreadsheets	I know how to create formulas.	I know how to use the SUM function. I know how to use MIN, MAX, AVERAGE.	I know how to use IF statements. I understand how to create an effective graph from my data.	I know how to create an effective spreadsheet for a specific purpose.