	Demonstrating Knowledge and Understanding	Applying Knowledge and Understanding	Design and Create	Analyse and Develop
Mastering	• Can demonstrate knowledge and understanding of most the key concepts; Hardware and Software, Organisations Skills, iPad Use, Application use, Hardware Components, Health and Safety, Ethical, Legislations • Can identify and explain most of the component of a Computer System (CPU, RAM, ROM, Motherboard, HDD, CPU components) • can develop a model by adding different functions and formulas. • can discuss advantages and disadvantages. can present information in a variety of ways and show a clear sense of audience • can confidently use my model to make predictions; I can explain the consequences of changing values to help predict an outcome. I can use conditional formatting to enhance the spreadsheet using" if "statements.	• Can apply knowledge and understanding of most of the following: Data Representation, Binary, Decimal, Hexadecimals, Addition, and Counting. • Can Explain why computers can work only with binary.	• Can produced a good design to create a solution that covers some stated objectives • Identified and described most of the inputs and outputs facilities to be provided by the user interface which will be fit for purpose • Can design and create using most of the skills obtain from; HTML, URL, Web, DNS, Server, IP Address, The Internet, Networks, Cybersecurity • Can design and create a 4 pages' website fully formatted and hyperlinked	Able to complete a thorough analysis of the given scenario identifying some of the requirements: • data required to create an effective solution • processing to be carried out by the solution • required outputs from the solution Produced a detailed set of objective, that are measurable, that define clearly the tasks required to create effective and fully functional solution • Create an algorithm and or flowchart for solution Create a report including some sections from the following: analysis, design, implementation, testing and evaluation.
Deepening	• Can demonstrate knowledge and understanding of some of the key concepts; Hardware and Software, Organisations Skills, iPad Use, Application use, Hardware Components, Health and Safety, Ethical, Legislations • Can identify and explain some of the component of a Computer System (CPU, RAM, ROM, Motherboard, HDD, CPU components) • Can organise folders, name conventions, use emails, GoodNotes and google images including settings and backups. • can develop and refine my work to enhance its quality, using a greater range and complexity of information. This includes some functions (Average, Min, Max) • can identify how a spreadsheet can be useful • I can understand the importance of changing variables and the effects these will have on my model. I can write a prediction and be able to test that prediction to check for accuracy • can use goal seek to determine the level a variable would need to be, in order to achieve a required result.	• Can apply knowledge and understanding of most of the following: Data Representation, Binary, Decimal, Hexadecimals, Addition, and Counting.	• Can produced a design to create a solution that covers some stated objectives • Identified fully and described some of the inputs and output facilities to be provided by the user interface which will be fit for purpose • Can design and create using some of the skills obtain from; HTML, URL, Web, DNS, Server, IP Address, The Internet, Networks, Cybersecurity • Can design and create a 3 pages' website fully formatted and hyperlinked	Able to complete an analysis of the given scenario identifying few of the requirements: • data required to create an effective solution • processing to be carried out by the solution • required outputs from the solution Produced a set of objectives, that are measurable, that define clearly the tasks required to create effective and fully functional solution • Create an algorithm and flowchart for solution
Securing	• Can demonstrate knowledge and understanding of a few of the key concepts; Hardware and Software, Organisations Skills, iPad Use, Application use, Hardware Components, Health and Safety, Ethical, Legislations • Can identify and explain a few of the components of a Computer System (CPU, RAM, ROM, Motherboard, HDD, CPU components) • Can do most of the following; organise folders, name convention, use emails, GoodNotes and google images including settings and backups. • Can design and create a spreadsheet using many formulas and some functions (sum, min, average, total). can also use formatting • Can understand the importance of changing variables and the effects these will have on my model. I can write a prediction and be able to test that prediction to check for accuracy.	• Can apply knowledge and understanding of a few of the following: Data Representation, Binary, Decimal, addition and Counting.	• Can produce a design to create a solution that covers few of the stated objectives • Identified and described few of the input and output facilities to be provided by the user interface which will be fit for purpose • Can design and create using few of the skills obtain from; HTML, URL, Web, DNS, Server, IP Address, The Internet, Networks, Cybersecurity • Can design and create a 2 pages' website fully formatted and hyperlinked	Able to complete an analysis of the given scenario identifying one of the requirements: • data required to create an effective solution • processing to be carried out by the solution • required outputs from the solution Produced a set of objectives, that are measurable, that define clearly the tasks required to create effective and fully functional solutions. Create an algorithm and or flowchart for solution

	• Can organise, store, retrieve information using logical and appropriate structures and always find my work.			
Developing	• Can demonstrate knowledge and understanding of one of the key concepts: • Hardware and Software, Organisations Skills, iPad Use, Application use, Hardware Components, Health and Safety, Ethical, Legislations • Can identify and explain one of the components of a Computer System (CPU, RAM, ROM, Motherboard, HDD, CPU components) • Can do a few of the following; organise folders, name conventions, use emails, GoodNotes and google images including settings and backups. • Can design and create a spreadsheet using several simple formulas and formatting. • Understand what a row, column and cell reference is in a spreadsheet. • Can state what a spreadsheet model is and how it can be use in the real world. • Can organise, store and retrieve my work. • Can present my work in different forms using Excel	• Can apply knowledge and understanding of a few of the following: Data Representation, Binary, Decimal, and Addition.	• Can produced a design to create a solution that covers one of the stated objectives • Identify and describe a few of the inputs and outputs facilities to be provided by the user interface which will be fit for purpose • Can design and create using one of the skills obtain from; HTML, URL, Web, DNS, Server, IP Address, The Internet, Networks, Cybersecurity • Can design and create a 1 pages' website fully formatted and hyperlinked	Able to complete an analysis of the given scenario identifying one of the requirements: • data required to create an effective solution • processing to be carried out by the solution • required outputs from the solution Produced a few objectives, that are measurable, that define clearly the tasks required to create effective and fully functional solution Create an algorithm and or flowchart for solution
Emerging	• Can demonstrate knowledge and understanding of one of the key concepts: • Hardware and Software, Organisations Skills, iPad Use, Application use, Hardware Components, Health and Safety, Ethical, Legislations • Finds very difficult to identify and explain one of the component of a Computer System (CPU, RAM, ROM, Motherboard, HDD, CPU components) • Can do one of the following; organise folders, name convention, use emails, GoodNotes and google images including settings and backups. • Can state what a spreadsheet model is. • Can understand that a spreadsheet can be use in the real world. • Understand what a row, column and cell is. • Can create a spreadsheet and enter a formula to calculate a result.	• With help can apply knowledge and understanding of a few of the following: Data Representation, Binary, Decimal, and Addition.	• Can produce a design to create a solution that covers one of the stated objectives • Identified few of the input and output facilities to be provided by the user interface which will be fit for purpose • Can design and create using one of the skills obtain from; HTML, URL, Web, DNS, Server, IP Address, The Internet, Networks, Cybersecurity • Can design and create a 1 page website with some formatting and some hyperlinks	• Carried out a superficial analysis of the given scenario that has only partially identified one of the requirements: • data required to create an effective solution • processing to be carried out by the solution • required outputs from the solution Create an algorithm and or flowchart for solution