| | Demonstrating Knowledge and Understanding | Applying Knowledge and Understanding | Design and Create | Analyse and Develop |
|---|---|---|---|---|
| **Mastering** | I am able to demonstrate very good knowledge and understanding of hardware and software. I am able to identify and explain all 8 of the key components of a computer. I organise my GoodNotes using appropriately named master and sub categories. I am able to demonstrate all of the following skills; import documents to existing GoodNotes workbooks and as new documents. Can export whole workbooks and single pages from GoodNotes | Can apply knowledge and understanding of some of the following: Data Representation, Binary, Decimal, Hexadecimals, Addition, Truth Tables, Logic gates. Performs some operations using conversion between denary to binary and hexadecimal, addition and subtractions. Understands and can explain the need for data compression, and performs simple compression methods. | I am able to select a suitable theme and font for the style of presentation and apply this consistently throughout. My headings and sub-headings are suitably sized and consistent throughout. No information I have used has been copied from the internet. All of the images I have used have been referenced. All my slides are interactive and I have used a variety of media inc. images and text. My presentation matches the given brief the brief perfectly | Able to complete an analysis of the given scenario identifying few of the requirements: a. data required to create an effective solution b. processing to be carried out by the solution c. required outputs from the solution. Produce a set of objectives, that are measurable, that define clearly the tasks required to create an effective and fully functional solution – create an algorithm and flowchart for solution |
| **Deepening** | I am able to demonstrate good knowledge and understanding of hardware and software. I am able to identify and explain 6 of the 8 of the key components of a computer. I organise most of my GoodNotes files using appropriately named master and sub categories. I am able to demonstrate most of the following skills; import documents to existing GoodNotes workbooks and as new documents. Can export whole workbooks and single pages from GoodNotes | Can apply knowledge and understanding of few of the following: Data Representation, Binary, Decimal, Hexadecimals, Addition, Truth Tables, Logic gates. Performs few operations using conversions between denary to binary and hexadecimal, addition and subtractions. Understands and can explain the need for data compression, and performs simple compression methods. | I am able to select a suitable theme and font for the style of presentation and apply this consistently throughout. My headings and sub-headings are suitably sized and consistent throughout. Very little of the information I have used has been copied from the internet. All of the images I have used have been referenced. All of my slides are interactive but one or two may not work accurately. I have used a variety of media inc. images and text | Able to complete an analysis of the given scenario identifying one of the requirements: a. data required to create an effective solution b. processing to be carried out by the solution c. required outputs from the solution. Produce a set of 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 |
| **Securing** | I am able to demonstrate some knowledge and understanding of hardware and software. I am able to identify and explain 4 of the 8 of the key components of a computer. I organise some of my GoodNotes files using appropriately named master and sub categories. I am able to demonstrate some of the following skills; import documents to existing GoodNotes workbooks and as new documents. Can export whole workbooks and single pages from GoodNotes | Can apply knowledge and understanding of one of the following: Data Representation, Binary, Decimal, Hexadecimals, Addition, Truth Tables, Logic gates. Performs one operation using conversion between denary to binary and hexadecimal, addition and subtractions | I am able to create a new presentation and select a suitable theme. I have selected a font and consistently used this throughout my presentation. My headings and sub-headings are suitably sized and consistent throughout. Most of the information I have used has been has changed into my own words. Most of the images I have used have been referenced. Most of my slides are interactive | Able to complete an analysis of the given scenario identifying one of the requirements: a. data required to create an effective solution b. processing to be carried out by the solution c. required outputs from the solution. Produced a few objectives that are measurable, that define clearly the tasks required to create effective and a fully functional solution. Create an algorithm and or flowchart for solution |
| **Developing** | I am able to demonstrate little knowledge and understanding of hardware and software. I am able to identify and explain 2 of the 8 of the key components of a computer. I organise few of my GoodNotes files using appropriately named master and sub categories. I am able to demonstrate one of the following skills; import documents to existing GoodNotes workbooks and as new documents. Can export whole workbooks and single pages from GoodNotes | Performs one operation using conversion between denary to binary and hexadecimal, addition and subtractions. Can apply knowledge and understanding of one of the following with some errors on the conversion: Data Representation, Binary, Decimal, Hexadecimals, Addition. | I am able to create a new presentation and select a theme. I am able to change text font and change the text size depending on whether it is normal text, a sub-heading or heading. Some of the information I have used has changed into my own words. Some of the images I have used have been referenced. Some of my slides are interactive | Carried out a superficial analysis of the given scenario that has only partially identified one of the requirements: a. data required to create an effective solution b. processing to be carried out by the solution c. required outputs from the solution. Created an algorithm and or flowchart for solution |
| **Emerging** | I am able to demonstrate very little knowledge and understanding of hardware and software. I am able to identify and explain 1 of the 8 of the key components of a computer. I organise very little of my GoodNotes files using appropriately named master and sub categories. I am able to demonstrate one of the following skills with help; import documents to existing GoodNotes workbooks and as new documents. Can export whole workbooks and single pages from GoodNotes | Not able to apply knowledge and understanding of one of the following: Data Representation, Binary, Decimal, Hexadecimals. Not able to perform one operations using conversion between denary to binary and hexadecimal, addition and subtractions | I am able to create a new presentation and select a theme. I am able to change text font and size. All the information I have used has been copied directly from the internet. The images I have used have not been referenced. None of the slides are interactive | Not able to carry out a superficial analysis of the given scenario that has only partially identified one of the requirements: a. data required to create an effective solution b. processing to be carried out by the solution c. required outputs from the solution. Not able to create an algorithm or flowchart for solution |