GRADE 7 TERM 1
COMPUTER SCIENCE LESSON NOTES

FOUNDATION OF COMPUTER SCIENCE

Computer concepts

Definition

1. Computer

An electronic device that accepts data from a user, Processes the data using given instructions, stores it and presents it in a desired format

2. Data

Raw facts which include numbers, texts, images, audios or videos that input into a computer

3. Information

Data that has been processed and made meaningful to the user

Examples of computers

1. Notebooks
2. Smartphones
3. Macbook
4. PDA
5. Desktop computer
6. Laptop
7. Ipad
8. Tablet
9. Smartwatch
10. Server

- Each examples of computers have different features that enable them to serve different

Characteristics of a computer

1. Speed

A computer works at a higher speed than human beings

2. Storage

Computers have storage space that can hold large amounts of data and information

3. Multitasking

Computers can perform more than one tasks at the same time

4. Accuracy

Computers give information without errors if given the correct data and instructions

5. User dependant

Computer cannot work without instructions from the user

6. Versatility

Computers have ability to perform a variety of task(complex and simple)

7. Reliability

The electronic components in modern computer have very low failure rate. The modern computer can perform very complicated calculations without creating any problem and produces consistent (reliable) results.

8. Diligence

Computers, unlike frail human beings, do not become bored or tired or lose concentration when performing highly repetitive work. If a computer has to perform a certain calculation on