

NAME:.....CLASS:.....

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SECOND TERM: E-LEARNING NOTES

JS 2(BASIC 8)

SUBJECT: COMPUTER STUDIES

SCHEME OF WORK

WEEK TOPIC

1. Revision of first terms work
2. **Programming Language:** (a) Meaning of computer program (b) Computer Programming Language i. Meaning ii. Examples (Logo, BASIC, etc)
- 3 & 4 BASIC: (a) Basic Language: i. Meaning of BASIC ii. BASIC character set (b) Key BASIC Statement: i. Line number ii. Remark (REM) iii. Assignment (LET, INPUT, DATA). iv. Output Statement v. Print vi. Program Terminator (END, STOP) (c) Simple BASIC Statements.
- 5&6 Graphic Packages 1: (a) Meaning of graphic package (b) Examples of graphic package: paint, Corel Draw, Instant Artist, Harvard graphics, Photo shops, log graphic etc (c) Features of graphic packages: Tool bar, Menu bar, Printable area, Colour Palette. etc.
- 7&8 Graphic packages II: The Paint: (i) The Paint Environment - identification of features of the paint environment. (ii) Paint tools and their functions
9. Graphic Packages II: (iii) Using Paint to draw and colour simple objects. (Practical work)
10. Revision
11. Examination

WEEK 1

Activity: Revision of first terms work

WEEK 2

Date: _____

Topic: Programming Language: Meaning of Computer program, computer programming language - meaning, examples

CONTENT: i. Meaning of computer program
ii. Computer programming language - meaning, example (Logo, BASIC etc)

Meaning of computer program

A set of instructions to the computer to perform a specific task written in a specific programming language is called computer program.

Meaning of programming language

A programming language is the language in which a computer programmer writes the instructions which a computer should follow in solving a given problem.

A programmer is someone who writes instructions for computer to perform a specific task. Programming is the act of writing instructions for computer to perform a specific task. A computer person that writes a set of instructions for the computer to obey is referred to as computer programmer.

The three main categories of programming languages are:

1. Machine language
2. Low level language
3. High level language

Machine Language

A language in which the computer performs the instructions immediately without any further transaction is called machine language. The machine language is...