

## AN EXAMPLE OF SCHEMES OF WORK

**SCHOOL:** XYZ High School      **FORM:** 4      **CLASS:** 4A      **STUDENTS NO:** 35

**SUBJECT:** Computer Studies      **TERM:** One      **YEAR:** 2016

**DATE PREPARED/REVISED:** 5<sup>th</sup> May, 20      **TEACHER'S NAME:** Juma Abdalla

### Main Objectives

At the end of the term, the learner should be able to;

- 1) Describe the development of Computer programming languages
- 2) Explain the computer program development process
- 3) Develop computer programs to solve real life problem/s

Week	Lesson	Topic/Sub-topic	Objectives	Learning Activities	Learning Resources	References	Remarks
<b>1</b>	1	ELEMENTARY PROGRAMMING  Algorithm Design Tools	At the end of the lesson the learner should be able to:  i. Define the term Algorithm ii. Describe algorithm design tools iii. Design an algorithm using a Pseudo code	<ul style="list-style-type: none"> <li>• Class Discussion</li> <li>• Demonstration</li> <li>• Illustration</li> <li>• Taking notes</li> </ul>	<ul style="list-style-type: none"> <li>• Chart showing Flowchart symbols</li> <li>• Computer</li> <li>• Projector</li> </ul>	Longhorn Secondary Computer Studies By S. Mburu and G. Chemwa, Book 3 Pages 80-86	
	2 & 3	Algorithm design using flowchart	At the end of the lesson the learner should be able to:  i. Define flowchart ii. Explain flowchart symbols iii. Design algorithms using a Flow Chart	<ul style="list-style-type: none"> <li>• Class Discussion</li> <li>• Demonstration</li> <li>• Illustration</li> <li>• Taking notes</li> </ul>	<ul style="list-style-type: none"> <li>• Chart showing Flowchart symbols</li> <li>• Computer Projector</li> </ul>	Longhorn Secondary Computer Studies By S. Mburu and G. Chemwa, Book 3 Pages 80-86	
	4						

<b>2</b>	1						
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