

INFORMATION TECHNOLOGY
COURSE OUTLINE & ASSESSMENT PLAN
OCTOBER – DECEMBER 2020
GRADE 7

Course Instructor: Mrs. A. Edwards-Williams

WEEK	TOPICS	OBJECTIVES	CONTENT	ASSESSMENT
1 Oct 5 – 9	History of Generation of computers	Appreciate the evolution of early computational devices Recall the names of contributors and their contribution to the evolution of these devices Classify computers based on the five generations Identify the significant characteristics of each generation	Abacus Blaise Pascal, Baron Gottfried Von Leibniz, Charles Babbage, First Generation Second Generation Third Generation Fourth Generation Fifth Generation	Homework: End of Chapter1 Exercise Page 7

WEEK	TOPICS	OBJECTIVES	CONTENT	ASSESSMENT
2 Oct 12 – 16	The computer System	Define the term computer	Computer	Homework
		Identify the primary components of the computer system	Computer system	
3 Oct 19 – 23		Define each primary components of the computer system		End of Chapter 2 Exercise
	State the function each component of a computer			
	Distinguish between computer” and “Computer System”			
	State the amin advantages of the computer			
	State the amin disadvantages of the computer			
	Group the hardware components of the system into internal and external			
	Define the term Peripheral devices	Peripheral devices	Test	
	Identify the main peripheral devices in a computer system			
	Define the term software			
	Name the two types of software	Software		
	List the types of computers			
	State the application (uses) of the types of computers			
	State the difference between:			
	(a) Data and information			
	(b) IT and ICT			

<p>4 Oct 26 - 30</p> <p>5 Nov 2 -6</p>	<p>Input Devices</p>	<p>Define the term input devices</p> <p>Differentiate between manual input and automated input devices</p> <p>State the main categories of input devices</p> <p>Briefly describe each input device</p>	<p>Input devices</p>	<p>Homework</p> <p>End of Chapter 3 Exercise</p> <p>Test</p>
<p>6 Nov 9 - 13</p> <p>Week 7 Nov. 16 – 20</p>	<p>The processor</p>	<p>Define the term processor</p> <p>Define the term CPU</p> <p>State the function of the CPU</p> <p>State the functions of the basic components of the CPU</p> <p>Differentiate between the types of primary storage</p> <p>Explain the steps in the Machine cycle</p>	<p>Processor</p> <p>CPU: ALU and CU</p> <p>Primary storage</p> <p>Machine cycle</p>	<p>Homework</p> <p>End of Chapter 4 Exercise</p> <p>Test</p>
<p>8 Nov. 23- 27</p> <p>9 Nov 30- Dec 4</p>	<p>Secondary Storage</p>	<p>Define the term Secondary storage</p> <p>Identify the different data access types</p> <p>Differentiate between storage media and storage devices</p> <p>Identify images of storage media and devices</p> <p>Explain key terms and concept associated with secondary storage</p> <p>State the advantages of using these secondary storage medium</p> <p>State the disadvantages of using these secondary storage medium</p>	<p>Secondary storage</p> <p>Sequential and Direct Access</p> <p>Secondary storage medium and devices</p>	<p>Homework</p> <p>End of Chapter 5 Exercise</p> <p>Test</p>

WEEK	TOPICS	OBJECTIVES	CONTENT	ASSESSMENT
10 Dec 7– 11 Dec 14- 18	Output Devices	Define the term output define the purpose of output devices recall the characteristics of a monitor recall terms associated with a monitor recall the characteristics of a printer recall terms associated with a printer advantages of impact printers disadvantages of impact printers advantages of non-impact printers disadvantages of non -impact printers Explain the function of a plotter, speaker and COM Distinguish between term softcopy and hardcopy		Homework End of Chapter 6 Exercise Test