

BASIC 7: FIRST TERM

ICT SCHEME OF WORK

Name of Teacher: Ntsh Kelvin

Office hour: Every school day at break time, but let me know beforehand

Email: ntshkelvin@gmail.com

PROJECT: using a cardboard design a data processing cycle and state the function of each stage.

ASSIGNMENT: create a excel worksheet and produce a student report sheet for your class...

WEEKS	PERIOD	TOPIC	CONTENT	PERFORMANCE OBJECTIVES: By the end of the lesson, you should be able to do the following:	Texts (Before class, you are required to study at least the text of each bolded reference closely.)
1		Technology of different ages	Developments in information ages and their features: i. Stone age ii. Iron age(Hoe and cutlass)	i. List the different information ages ii. State the features of the Stone and Iron Ages. iii. Identify the tools associated with the Stone and Iron Ages	New computer studies for JSS1 Pg. 1-5
			iii. Middle age(Feather pen and ink) iv. Industrial age(Machine) v. Electronic age and computer and internet	iv. State the features of the Middle, Industrial and electronic ages. v. Explain the meaning of technology vi. State the present information age vii. Identify the tools associated with each information age.	New computer studies for JSS1 Pgs 1-5
			1. Invention of printing 2. Invention of telephone	1. Define information technology 2. Define information and communication technology 3. List the stages of information evolution.	New computer studies for JSS1 Pgs 8,9,10

2		Evolution of information and communication technology		4. Describe what happens during: i. Invention of printing ii. Invention of telephone	New computer studies for JSS1 Pgs 10,11,12,13,14
			3. Invention of radio 4. Invention of television 5. Invention of computer etc.	5. Describe what happens during: iii. Invention of printing iv. Invention of telephone v. Invention of computer	
3		Historical Development of Computers	Early counting devices (fingers, stones, sticks, pebbles, conkers, etc.)	1. List early counting devices. 2. State the problems in counting large numbers with those devices.	New computer studies for JSS1 Pgs 31,32
			Mechanical counting and calculating devices: Abacus, Slide rule etc.	3. Name mechanical counting and calculating devices.	New computer studies for JSS1 Pgs 32,33
4		Historical Development of Computers contd.	Electro-mechanical counting devices: - John Napier bone - Blaise Pascal machine - Gottfried Leibniz machine	1. Name electro-mechanical counting devices.	New computer studies for JSS1 Pgs 33,34
			- Joseph Jacquard loom - Charles Babbage analytical		New computer studies for JSS1

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