$3^{RD}$  WEEK ENDING:  $4^{TH}$  FEBRUARY, 2022

SUBJECT: SCIENCE CLASS: JHS 2 TERM: 1 PROF. DUKER - 0242830522

NAME OF TEACHER: ISAAC DUKER

**REFERENCE**: Integrated Science Syllabus, Aki Ola Science For Jhs, Internet (Youtube)

DAY/ DURATION	TOPIC/ SUBTOPIC	OBJECTIVES/RPK	TEACHER LEARNER ACTIVITIES	TEACHER LEARNING	CORE POINTS	EVALUATTION AND REMARKS
	/ASPECT			MATERIAL		
<b>DAY</b> Monday	TOPIC ELEMENTS , COMPOU NDS AND MIXTURES	OBJECTIVES By the end of the lesson the pupil will be able to;	INTRODUCTION (10 mins) Revise pupils RPK on previous lesson.	Chalkboard illustration. Picture of Aluminium foil, iron nails, salt, sugar,	Elements Aluminium, hydrogen, copper, iron fillings are all elements.  Compounds	EXERCISE Group the following under elements, compounds and mixtures;
DATE 31-01-2022 DURATION 70 min		1.1.2 classify materials into elements, compounds and mixtures.	PRESENTATION ACTIVITIES (40 mins) ACTIVITY 1 Gather different materials from the environment.  ACTIVITY 2 Assist pupils to classifying materials into elements, compounds and mixtures.	copper, soil, water, salt solution	Water, HCl, sugar, salt.  Mixtures. Iron fillings and sand, gari and sugar.	H2O, hydrogen, copper, sugar solution, gari and sand.  REMARKS
		RPK Pupils know what atoms are.	CLOSURE (20 mins)  - Summarize the salient points. (5 mins)  - let pupils copy core points into their notes. (5 mins)  - Give exercise pupils for pupils to copy and complete. (10 mins)  -Mark exercise and explain mistakes.		APPLICATION Pupils will be able to classify substances from their homes into elements, compounds and mixtures.	

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DAY/	TOPIC/	OBJECTIVES/RP	TEACHER LEARNER ACTIVITIES	TEACHER	CORE POINTS	EVALUATTION AND
DURATION	SUBTOPIC	K		LEARNING		REMARKS
	/ASPECT			MAT.		
	TOPIC	OBJECTIVES	INTRODUCTION (10 mins)	Chalkboard	Chemical elements and	
<b>DAY</b> Thursday	ELEMENTS	By the end of	Revise pupils RPK on previous lesson.	illustration.	their symbols e.g.	
		the lesson the		Video that	Sodium - Na Calcium – Ca	
		pupil will be		demonstrate	Potassium - K Nitrogen-N	
		able to;		s the atomic	Phosphorus-P	
				structure	Uses	
	SUB-TOPIC				Nitrogen – helps in the	
<b>DATE</b> 03-02-2022	COMPOUN		PRESENTATION		production of protein in	
03-02-2022	DS AND		ACTIVITIES (40 mins)		plants.	
	MIXTURES	1.1.3 write the	-Assist pupils write and recite		Potassium- helps in the	EXERCISE
		chemical	chemical symbols of the first twenty		development of roots.	State the first 10
		symbols for the	elements of the periodic table.		Phosphorus – Its helps in	elements and their
DURATION		first twenty			the absorption of nutrient	symbols.
70 min		elements of the	-Let pupils watch video that		and water from the soil.	
		periodic table.	demonstrates models to describe the			
			structure of an atom.			
			-Draw the structures of the atoms of			
		RPK	H, C, N, O, Ne, Na, Cl and Ca.			REMARKS
		Pupils know what atoms are.	CLOSURE (20 mins) - Summarize the salient points. (5 mins) - let pupils copy core points into their		APPLICATION Pupils will know that most items they use are made of	
			notes. (5 mins)		these tiny elements.	
			- Give exercise pupils for pupils to			
			copy and complete. (10 mins) -Mark exercise and explain mistakes.			
			-iviaik exercise and explain illistakes.			

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**SUBJECT**: SCIENCE

CLASS: JHS 2

**TERM: 1** 

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DAY/	TOPIC/	OBJECTIVES/RPK	TEACHER LEARNER ACTIVITIES	TEACHER	CORE POINTS	EVALUATTIO
DURATION	SUBTOPIC			LEARNING		N AND
	/ASPECT			MAT.		REMARKS
	TOPIC		INTRODUCTION (10 mins)	Chalkboard	The atomic structure showing	
DAY	ELEMENTS	OBJECTIVES	Revise pupils RPK on previous lesson.	illustration.	the K, L, M and N shells.	
Friday	,	By the end of the				
	COMPOU	lesson the pupil				
	NDS AND	will be able to;				
DATE	MIXTURES				Kshell	
04-02-2022		1.1.4 draw and				
		label the	PRESENTATION		Lshell	
		structure of an	ACTIVITIES (40 mins)		M shell	
DURATION		atom	ACTIVITY 1		* ( ) / / *	EXERCISE
70 min			Guide pupils to identify the sub-			Name 3 sub-
			atomic particles found in the atom			atomic
			and indicate their location in the			particles in
		RPK	atom.			the atom.
		Pupils know what				
		atoms are.	ACTIVITY 2		Electron	
			Assist pupils to draw the distribution		Election	
			of electrons (electron configuration)			REMARKS
			in the atoms of the following		Proton	
			elements: H, C, N, O, Ne, Na, Cl and			
			Ca.		Neutron	
			CLOSURE (20 mins)			
			- Summarize the salient points.		Nucleus	
			(5 mins)		Nuolous	
			- let pupils copy core points into their			
			notes. (5 mins)			
			- Give exercise pupils for pupils to			
			copy and complete. (10 mins)			
			-Mark exercise and explain mistakes.			
			ividik exercise and explain mistakes.			