5 TH WEEK ENDING: 6 TH – 10 TH JUNE,2022 NAME OF TEACHER: ISAAC DUKER							
SUBJECT: INT. SCIENCECLASS: JHS 2TERM: 2PROF DUKER: 0242830522							
REFERENCE: INTEGRATED SCIENCE SYLLABUS, AKI OLA SCIENCE for JHS, INTERNET (YOUTUBE)							
DAY/	TOPIC/	OBJECTIVES/RPK	TEACHER LEARNER ACTIVITIES	TEACHER	CORE POINTS	EVALUATION	
DURATION	SUBTOPIC			LEARNING		AND	
	/ASPECT			MAT.		REMARKS	
	TOPIC	OBJECTIVE (S)	INTRODUCTION	Board	QUESTIONS	Pupils to	
			Pupils to revise on what has been	illustrations	1. The discharge of semen into	Answer similar	
	S.B.A	By the end of the	learnt throughout the weeks to review		the vagina is termed as	SBA questions	
		lesson the pupil	their RPK			individually in	
		will			2. Sperms are produced by the	their books.	
		be able to			testes and temporarily stored in		
		A manuar tha CD A	PRESENTATION		•••••		
	SUD TODIC	Allswer the SDA	1. Write the SBA questions on the		2 In man the male are calle		
	SUB-TUPIC	the specified	within the specified time		5. In man, the male sec cells		
	Individual	time	within the specified time		are produced by		
	Class Test 1	unite	2 Assist pupils to find the correct		4 The insertion of the penis		
			answers to the SBA questions.		into vagina is known as		
			3. Assist pupils to answer similar		5. A fertilized ovum is know as		
			challenging questions in groups.				
					6. Plants absorb water from the		
					soil through a process called		
			CLOSURE		7. Dissolved mineral salts from		
			Let pupils solve similar challenging		the soil enter the plants by the	REMARKS	
			questions individually.		process of		
		DDV			9 Is the surger set of here here		
		NFN Dupils can recall			8. Is the process whereby		
		what has been			passed on from parents to their		
		learnt throughout			offspring's through genes		
		the weeks.			onspring s unough genes		
					DIMENSION		
					Application of knowledge		

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DAY/	TOPIC/	OBJECTIVES/R	TEACHER LEARNER ACTIVITIES	TEACHER	CORE POINTS	EVALUATION		
DURATION	SUBTOPIC	РК		LEARNING		AND		
	/ASPECT			MAT.		REMARKS		
			INTRODUCTION (10 mins)	Chalkboard	OSMOSIS			
	TOPIC	OBJECTIVES	-Revise pupils RPK on previous	illustration.	Is the movement of water	EXERCISE		
		By the end of	lesson through question and answers		molecules from a solution with a	1. Define		
	DIFFUSION	the lesson the		Video and	high concentration of water	osmosis.		
	AND	pupil will be	-explain both diffusion and osmosis	Picture of	molecules to a solution with a			
	OSMOSIS	able to;		diffusion.	lower concentration of water	2. Mention		
			PRESENTATION		molecules, through a cell's partially	three		
					permeable membrane.	examples of		
		3.3.3	ACTIVITIES (40 mins)	Crystal of	CONDITIONS REQUIRED FOR	osmosis in		
		Explain the	- Assist pupils to the term osmosis.	KMnO4	OSMOSIS TO OCCUR	living		
	SUBTOPIC	term osmosis.		** 1	1. There should be two solutions of	organism.		
	OSMOSIS		-discuss with pupils some of the	Yam and	different concentrations.			
		224	conditions required for osmosis to	salt solution	2 The two solutions must be			
		3.3.4	occur		separated by a semi-permeable			
		Understand the			membrane			
		conditions	. discuss with pupils some of the		THE PROCESS OF OSMOSIS			
	ACDECT	required for	process or osmosis		Demonstrating osmosis in a living			
	ASPECI		CLOSURE (20 mins)		tissue	DEMADKS		
	BIOLOGY	occui	- Summarize the salient points			NEWIAKNS		
			(5		Materials needed: Large peeled			
		335	mins)		yam cut into two, salt solution and			
		Explain the	- let pupils copy core points into		two disnes.			
		process of	their notes.		1 Deil and of the year pieces			
		osmosis	(5 mins)		1. Boll one of the yam pieces.			
		05110515			2. Make a large cavity in the			
			- Give exercise pupils for pupils to		centres of the cooked yam and the			
			copy and complete. (10		2 Dut solt solution in the two			
		RPK	mins)		5. Fut sait solution in the two			
		Pupils can			1 Place the vame in congrate dishes			
		explain	-Mark exercise and explain		and leave them overnight			
		diffusion and	mistakes.		5 Observe what happens			
		osmosis			NB • Boiling kills the cells of vam			
					and makes it a non-living things			
		l			and makes it a non-tiving inings			

5 TH WEEK ENDING: $6^{TH} - 10^{TH}$ JUNE,2022					NAME OF TEACHER: ISAAC DUKER		
SUBJECT: INT. SCIENCE CLASS: JHS 3 TERM: 2 PROF DUKER: 0242830522						30522	
REFE DAY/ DURATION	TOPIC/ SUBTOPIC	OBJECTIVES/RPK	ABUS, AKI OLA SCIENCE for JHS, INTERNE TEACHER LEARNER ACTIVITIES	TEACHER LEARNING	CORE POINTS	EVALUATTION AND REMARKS	
	/ASPECT TOPIC S.B.A SUB- TOPIC Individual Class Test 1	OBJECTIVE(S) By the end of the lesson the pupil will be able to Answer the SBA questions within the specified time 1	 INTRODUCTION Pupils to revise on what has been learnt throughout the weeks to review their RPK PRESENTATION 1. Write the SBA questions on the board and ask pupils to answer them within the specified time 2. Assist pupils to find the correct answers to the SBA questions. 3. Assist pupils to answer similar challenging questions in groups.	MAT. Board illustrations	QUESTIONS1. The reason why a cooking pan should have a wooden handle is that, wood is a2. By what process is heat transferred from the bottom of a beaker containing water to the top?3. The heat of the sun reaches the Earth through4. The transfer of heat from one place to another without the need of a material	Pupils to Answer similar SBA questions individually in their books.	
	RPK Pupils can recal what has been learnt throughou the weeks.	RPK Pupils can recall what has been learnt throughout the weeks.	CLOSURE Let pupils solve similar challenging questions individually.		 be the end of a material medium is called 5. Heat loss by convection is prevented in a vacuum flask by 6. The modes of heat transfer involved in the process of heating water in a bucket, from the bottom until it boils are DIMENSION Application of knowledge 	REMARKS	

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REFERENCE: INTEGRATED SCIENCE SYLLABUS, AKI OLA SCIENCE for JHS, INTERNET (YOUTUBE)							
DAY/	TOPIC/			TEACHER		EVALUATTION	
DURATION	SUBTOPIC	OBJECTIVES/RP	TEACHER LEARNER ACTIVITIES	LEARNING	CORE POINTS	AND REMARKS	
	/ASPECT	К		MAT.			
	TOPIC	OBJECTIVES	INTRODUCTION (10 mins)	Chalkboard	Diode – a diode is a device		
		By the end of	Revise pupils RPK on previous lesson.	illustration.	that allows current to flow	EXERCISE	
	BASIC	the lesson the			in only one direction.	State the	
	ELECTRONICS	pupil will be				functions of the	
		able to;			Light Emitting Diode (LED)	following	
			PRESENTATION		 – a diode that changes 	components in a	
		5.4.2	ACTIVITIES (40 mins)		electrical energy to light	circuit.	
		Demonstrate	- Revision on the function of the		energy.	i. Transistor	
		the behavior of	components in an electric circuit.			ii. Capacitor	
	ASPECT	discrete			Resistor – It is used to		
	PHYSICS	components in			control the flow of current.		
		a D. C.					
		electronic			Capacitor – A device that	REMARKS	
		circuit.			can store electrical charge.		
			CLOSURE (20 mins)				
			- Summarize the salient points.		Inductor – it opposes a		
			(5 mins)		sudden change in electric		
		RPK			current flow.		
		Pupils have	- let pupils copy core points into their				
		been	notes. (5 mins)		Switch – a device that can		
		introduced to			turn on and off the flow of		
		basic	- Give exercise pupils for pupils to		electric current.		
		electronics in	copy and complete. (10 mins)				
		JHS 2			APPLICATION		
			-Mark exercise and explain mistakes.		Revision to retain		
					information		