DAY/ DURATION	TOPIC/ SUBTOPIC /ASPECT	OBJECTIVES/RPK	TEACHER LEARNER ACTIVITIES	TEACHER LEARNING MAT.	CORE POINTS	EVALUATION AND REMARKS
	TOPIC	RPK Pupils look like their parents. OBJECTIVES By the end of the lesson the pupil will be able to;	INTRODUCTION (10 mins) Ask pupils which member of the family do they resemble? PRESENTATION ACTIVITIES (40 mins) - Guide pupils brainstorm to bring out	Chalkboard illustration.	 Heredity is the process whereby certain characteristics or traits are passed on from parents to their offspring's through genes. Genes are particles which carry information on the physical characteristics of parents to offsprings. 	EXERCISE State 4 inheritable traits a child can get from parent.
		3.2.1 Explain the term heredity. 3.2.2 Mention some characteristics that can be inherited from parents.	the meaning of the term heredity. - Guide pupils to bring out some of the traits or characteristics that can be inherited from parents and relations e.g. height, colour and shape of nose. 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 know what makes them resemble their parent and how unique they are from their parents.		 Inheritable characteristics skin colour texture of hair height shape of nose shape of ears NB: these characteristics are called physical characteristics Blood type is an inherited characteristics that will not change. Characteristics that cannot be passed from the parent to the offspring are called nonheritable characteristics. These are normally caused by environmental factors. Dimension Understanding 	REMARKS

4TH WEEK ENDING: $30^{TH} - 3^{RD}$ JUNE, 2022

NAME OF TEACHER: ISAAC DUKER

	EEK ENDING: ECT: INT. SCIEN		CLASS: JHS 2	TERM: 2	PROF DUKER: 0242830	
			ABUS, AKI OLA SCIENCE for JHS, INTERNE		1 KOF DUKEN. 0242050	522
DAY/	TOPIC/	OBJECTIVES/	TEACHER LEARNER ACTIVITIES	TEACHER	CORE POINTS	EVALUATION
DURATION	SUBTOPIC	RPK		LEARNING		AND REMARKS
	/ASPECT			MAT.		
	TOPIC	RPK	INTRODUCTION (10 mins)	Chalkboard	Diffusion is the movement	
	DIFFUSION	Pupils have	-Revise pupils RPK on previous	illustration.	of particles from a higher	EXERCISE
	AND	smelled stew	lesson through question and answers	Video and	region of concentration to a	1. Define
	OSMOSIS	from a	1. Can any on smell good food from	Picture of	lower region of	diffusion.
		distance	around? Ans; Yes. No	diffusion.	concentration.	
		before.	2. Open a container filled with			2. State one
			kerosene		Open bottle of kerosene	practical example
		OBJECTIV	Que. What is in the bottle?		After some time, pupils will	of diffusion.
		ES	Ans; Kerosene.		be able to smell it from a	
		By the end of			distance.	
		the lesson the	DDECENTRATION			DEMADIZO
		pupil will be	PRESENTATION		A drop of ink or crystals of	REMARKS
		able to;	ACTIVITIES (40 mins)		potassium permanganate are	
			- Guide pupils to bring out the		carefully dropped to the	
			definition of diffusion.		bottom of a glass of water.	
		3.3.1	CLOSURE (20 mins)		Diffusion	
		explain the	- Summarize the salient points.		Solute molecules move from high to low concentration	
		term	(5		high to low concentration	
		diffusion.	mins)		Solute Solvent	
		uniusion.	- let pupils copy core points into their		molecules molecules	
		3.3.2	notes. (5 mins)			
		demonstrate	- Give exercise pupils for pupils to			
		the process of	copy and complete. (10 mins)		\rightarrow	
		diffusion.	-Mark exercise and explain mistakes.			
					High solute Diffused evenly concentration (Equilibrium)	
					APPLICATION	

APPLICATION Pupils understand why they are able to smell strong scented substance from far.

4th week ending: $30^{\text{th}} - 3^{\text{rd}}$ JUNE, 2022 SUBJECT: INT. SCIENCE

NAME OF TEACHER: ISAAC DUKER

PROF DUKER: 0242830522

REFERENCE: INTEGRATED SCIENCE SYLLABUS, AKI OLA SCIENCE for JHS, INTERNET (YOUTUBE)

DURATION S	OPIC/ SUBTOPIC ASPECT	OBJECTIVES/RPK	TEACHER LEARNER ACTIVITIES	TEACHER LEARNING MAT.	CORE POINTS	EVALUATTION AND REMARKS
T H	ASPECI FOPIC HEAT ENERGY	RPK Pupils cook food in sauce pans at home. OBJECTIVES By the end of the lesson the pupil will be able to; 4.1.2 Demonstrate the modes of heat transfer.	 INTRODUCTION (10 mins) Ask pupils what happens when they place water in a sauce pan on fire. PRESENTATION ACTIVITIES (40 mins) Guide pupils to demonstrate conduction by putting one end of a piece of metal in fire and observe by holding the other end of the metal from time to time. Guide pupils to demonstrate convection by dropping crystals of potassium permanganate in warm water and observe movement of coloured column. Guide pupils to demonstrate radiation by holding their hands close to a source of heat. 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. 	Chalkboard illustration. Video and Picture of conduction Convection and radiation	 Conduction It is a mode of heat transfer in which heat is transferred from one area of a solid to the other. Convection refers to the transfer of heat through fluids. Radiation It is a way of transferring heat through vacuum. APPLICATION Pupils know the three types of heat transfer 	EXERCISE Define the following terms i. Conduction ii. Convection iii. Radiation REMARKS

CLASS: JHS 3

TERM: 2

	ATED SCIENCE STEE	ABUS, AKI OLA SCIENCE for JHS, INTERNE			
TOPIC/	OBJECTIVES/RPK	TEACHER LEARNER ACTIVITIES	TEACHER	CORE POINTS	EVALUATTION
SUBTOPIC			LEARNING		AND REMARKS
	-	Revise pupils RPK on previous lesson.		• •	
ENERGY	-				EXERCISE
	nome.		thermos flask	e	Give one
	OBJECTIVES			pressing fron.	application of convection
				Convection	convection
	1 1			-	
	will be usie to,				REMARKS
		PRESENTATION			
	4.1.2	ACTIVITIES (40 mins)		convection.	
	Demonstrate the	Guide pupils to discuss the application			
	modes of heat	of heat transfer.		Radiation	
	transfer.			The transmission of	
				-	
				0	
				oven.	
		 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. 		Cork stopper casing shiny walls vacuum vacuum seal APPLICATION Pupils know that the thermos flask uses all three	
9 / I	-	SUBTOPIC (ASPECTRPK Pupils cook food in sauce pans at home.TOPIC HEAT ENERGYRPK Pupils cook food in sauce pans at home.OBJECTIVES By the end of the lesson the pupil will be able to;4.1.2 Demonstrate the modes of heat	SUBTOPIC (ASPECTRPK Pupils cook food in sauce pans at home.INTRODUCTION (10 mins) Revise pupils RPK on previous lesson.OBJECTIVES By the end of the lesson the pupil will be able to;Revise pupils RPK on previous lesson.Harrow Demonstrate the modes of heat transfer.PRESENTATION ACTIVITIES (40 mins) Guide pupils to discuss the application of heat transfer.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)	SUBTOPIC (ASPECT Image: Constraint of the second s	BUBTOPIC (ASPECT) RPK INTRODUCTION (10 mins) Chalkboard illustration. Heat conduction is applied in cooking with metal pot e.g. Aluminum pots. EXAT ENERGY Pupils cook food in sauce pans at home. INTRODUCTION (10 mins) Revise pupils RPK on previous lesson. Chalkboard illustration. Heat conduction is applied in cooking with metal pot e.g. Aluminum pots. OBJECTIVES By the end of the lesson the pupil will be able to; PRESENTATION ACTIVITIES (40 mins) Convection warm air escape from a hot room through its windows and is replaced by cool air from outside by process of convection. Demonstrate the modes of heat transfer. OBJECTIVES By the end of the lesson the pupil will be able to; PRESENTATION ACTIVITIES (40 mins) Guide pupils to discuss the application of heat transfer. Radiation The transmission of electromagnetic waves through the microwave oven. CLOSURE (20 mins) - let pupils copy core points into their notes. (5 mins) - let pupils copy core points into their notes. (5 mins) - Mark exercise and explain mistakes. Image: Cork stopper Cork stopper (200 mins) APPLICATION