NAME OF TEACHER: ..... **WEEK ENDING...21-04-2023.....**

NUMBER ON ROLL: ..... **SUBJECT...PRE-TECHNICAL SKILLS**

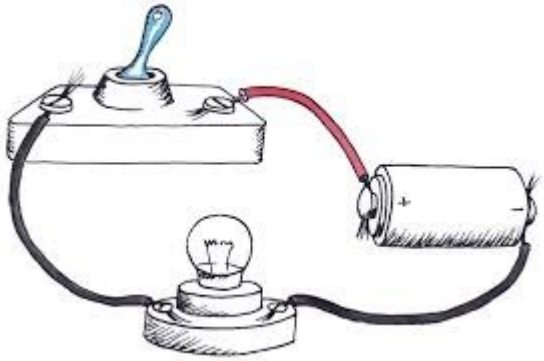
DURATION: ..... **REFERENCE...SYLLABUS(CRDD,2007),PRE-TECH FOR JHS .....**

FORM.....BASIC 9..... **WEEK.....3.....**

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R.P.K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
TUESDAY **18-04-2023**	**Topic** Basic Electrical Circuits **Sub-Topic** Electrical Conductors and Insulators	By the end of the lesson the Pupil will be able to; identify electrical conductors and insulators **RPK** Pupils were taught lessons on Basic Electronic Circuit in basic 8	**Introduction** Through questions and answers, review Pupils knowledge on the previous lesson. **Activities** 1. Discuss the meanings of Conductor and Insulators with the Learners.	Capacitor, inductor, diode, LED, Pictures.	Difference Between Conductors and Insulators | | **Conductors** | **Insulators** | | 1. | Materials that conduct electricity are conductors. | Materials that do not conduct electricity are insulators. |	**Exercise;** Tabulate 4 differences between Conductors and Insulators.

			2. Pupils brainstorm to distinguish between insulators and conductors. 3. Assist Pupils to identify examples of Insulators and Conductors. **Closure** Pupils in small groups to discuss and report to the class uses of the examples of conductors and insulators.			2.	In conductors, the electric field can only exist on the surface of the material but remains zero inside it.	In insulators, the electric field can neither exist on the surface nor inside the material.	
						3.	The electric charge (electrons) can move freely inside the conductors.	The electric charge (electrons) cannot move freely inside the insulators.	
						4.	They can store energy.	They cannot store energy.	
						5.	They show very high conductivity	They show negligible conductivity and very	

							and low resistance.	high resistance.	
						6.	The resistivity of conductors can vary from low to high.	Insulators have very high resistivity.	
						7.	In the case of conductors, the covalent bonds are quite weak.	In the case of insulators, the covalent bonds are quite strong.	

THURSDAY **20-04-2023**	**Topic** Basic Electrical Circuits **Sub-Topic** Constructing simples circuit from circuit diagrams.	**Objective** By the end of the lesson the Pupil will be able to; construct simple circuit from circuit diagrams **RPK** Pupils were taught lesson on Basic Electric Circuit in Basic 8	**Introduction** Show Pupils video and pictures of the diagrams of circuits. **Activities** 1. Discuss with Pupils the procedure for constructing simple circuit from circuit diagrams. 2. Demonstrate constructing circuit from circuit diagram. 3. Assist pupils to practice constructing simple circuit from circuit diagrams **Closure** Reflect on how to construct simple circuit from circuit diagrams.		 **Steps involved in constructing a simple circuit;** Step 1: Cut a Small Portion of the Wire Into Half. Step 2: Cut Rubber of the Wire. Step 3: Place the Battery to Its Case. Step 4: Twist the Copper Wire. Step 5: Connect the LED to the Wire. Step 6: Connect the Negative Wire to the Negative Side and the Positive One to the Positive Side.	**Exercise** Construct a simple circuit from circuit diagrams.

Name of Teacher: ***School:*** ***District:***