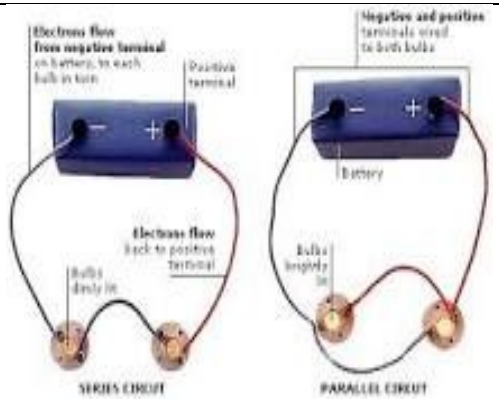
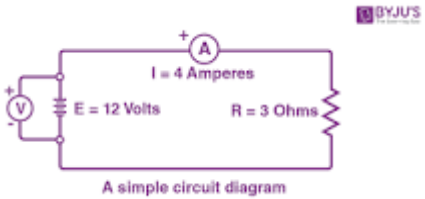
WEEK ENDING.....23/09/2022.....

SUBJECT...INTEGRATED SCIENCE

REFERENCE...SYLLABUS(CRDD,2007), SCIENCE FOR JHS .....

FORM.....BASIC 8.....WEEK.....2.....

DAY/DURATION	***TOPIC/SUB-TOPIC/ASPECT***	***OBJECTIVES/R.P.K***	***TEACHER-LEARNER ACTIVITIES***	**T/L MATERIALS**	**CORE POINTS**	**EVALUATION AND REMARKS**
TUESDAY **20-09-2022** **1:20PM – 2:40PM** **80min**	**Topic;** Electrical Energy **Sub-Topic;** Simple Electrical Circuit	By the end of the lesson the Pupil will be able to; Demonstrate the flow of current using simple electrical circuit. **RPK** Pupils were taught Electric Circuit in basic 6.	**Introduction;** Pupils brainstorm to explain the meaning of an Electric Circuit. **Activities;** 1. Assist Pupils to Use batteries, switch, bulbs, resistors and connecting wires to set up simple electrical circuits. 2. Discuss the effect on the bulb when there is increase in the number of batteries or when the number of	**Battery, Switch, led bulb, Wire, Pictures.**	 **What is a simple circuit?**  A simple circuit diagram A simple circuit is **a circuit that contains the three basic components needed for an electric circuit to function**. The three basic components are a source of voltage, a conductive path, and a resistor.	**Exercise;** 1.What is a simple circuit? 2. Draw a diagram to represent the flow of current in a simple circuit. 3. Explain the diagram of a simple circuit.

			bulbs is increased 3. Pupils to practice and observe the effects on the bulb when the numbers of batteries or the bulbs is increased. **Closure;** Through questions and answers, conclude the lesson.			
THURSDAY **22-09-2022** **8:05AM – 9:15AM** **70min**	**Topic;** Electrical Energy **Sub-Topic;** Wiring an Electric plug.	**Objective;** By the end of the lesson the pupils will be able to; 1. wire an electric plug 2. Explain the use of fuse in Electric appliances. **RPK** Pupils use Electric appliances at home.	**Introduction;** Pupils brainstorm to mention examples of Electric appliances they use at their homes. **Activities;** 1. Teacher demonstrates how to wire a plug. 2. Pupils are to be guided to practice wiring a plug. 3. Discuss with Pupils the use		**How to wire a Plug;** 1. Turn Off the Power, and Test Outlet. Locate your home's main service panel. 2. Prepare the Cables. 3. Strip the Wires. 4. Attach Pigtail Wires to Circuit Wires. 5. Connect the Ground Wire to the Receptacle. 6. Attach the Neutral and Hot Wires to the Receptacle. 7. Attach the Receptacle to the Box. 8. Attach the Cover Plate	**Exercise;** 1.State and explain the steps to wire a plug. 2.Draw a diagram to represent how to wire a plug. 3.Eplain the use of fuse in Electric appliances. **REMARKS**

			of fuse in electric circuits. **Closure;** Pupils in groups to practice using fuse in the plugs of electric appliances.