**LESSON DEVELOPMENT TWO**

**SOURCE OF ELECTRICITY**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1****Introduction – Introductory Activities** **(5 minutes)** | Asks the pupils to differentiate (with examples) between electric conductors and non conductors.  | Electric conductors are called electric carriers. For example are copper wire, iron, aluminum, etc.While non conductors are non electric carriers. They include – paper, thread, etc.  | Linking the Previous knowledge to the new lesson  |
| **Step 2** **Development – Grouping** **(5 minutes)**  | 1. Groups the learners into four groups – A, B, C, and D. 2. Guide the learners to choose a leader and secretary for your group. 3. Gives each group learning materials – chart showing different source of electricity. | 1. Belong to a group. 2. Choose their leader and secretary. 3. Received learning materials for their group.  | Learner’s group, leader and secretary confirmed. |
| **Step 3****Development – Groups Activities** **(5 minutes)** | Asks the pupils to study the chart carefully and identify different source of electricity. Tells them any one they cannot identify or the ones identified wrongly.  |  | Source of electricity  |
| **Step 4****Development - Groups Activities** **(15 minutes)** | Discusses with the pupils each source of electricity and asks them to state the source of energy that enable the source of electricity produce electricity.  | Generator – chemical and mechanical energy.Solar power – sunHydro power – water energyWind power – wind energyInverter – electrical or chemical (if it is using battery) energy. | Groups work  |
| **Step 5****Development – Groups Presentation** **(10 minutes)** | Asks each group to present their results/solutions so that you can compare responses with those in other groups. | **Presentation - Call on any member of at least two pairs in each to make presentation to the class.** | Group Presentation  |
| **Step 6****Conclusion****(15 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions. **SUMMARY** There are different source of electricity. They include – generator, solar power, wind power, hydro power, inverter, etc.  | The learners listen, ask and answer questions.**KEY QUESTIONS (ASSIGNMENT)** Find out the main source of electricity in Nigeria.   | Lesson Evaluation and Conclusion |

***Reference book – Basic Science & Technology***

