**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 – sun  Hydro power – water energy  Wind power – wind energy  Inverter – 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***

