**LESSON DEVELOPMENT ONE**

**MEANING OF HEAT**

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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 pupils to –*** 1. Identify the following objects on the charts.2. Describe the use(s) of identified objects.3. Why do we cook in the kitchen and not inside the room? (possible answer – heat).  | Kerosene stove, electric and gas cooker. They are used for cooking.  | Linking the Previous knowledge to the new lesson  |
| **Step 2** **Development** **(5 minutes)** **Grouping** | 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 – sample of any of the items on chart.  | 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 pupils to mention some of the sources of heat they know.  | Burning of wood, Sun, Electric bulb, Candle, Engine, etc.   | Source of heat  |
| **Step 4****Development – Groups Activities** **(10 minutes)** | ***Asks pupils to –*** 1. What do you understand by ***heat***?2. What are the importance of heat. | Heat is a form of energy that increases the level of hotness of a body. It is important for cooking, frying, drying, baking, generating electricity, water circle, plants, melting and molding metal, etc.  | Meaning and importance of heat.  |
| **Step 5****Development****(10 minutes)** | Asks each group to present their results/solutions so that you can compare responses with those in other groups. | **Presentation** | Group Presentation  |
| **Step 6****Conclusion****(10 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions. **SUMMARY** Heat is a form of energy which exists naturally. It increases the level of hotness of a body. Life on this earth depends on heat energy for survival. | The learners listen, ask and answer questions.**KEY QUESTIONS** 1. What is heat? 2. Mention 5 importance of heat. 3. State 5 sources of heat.  | Lesson Evaluation and Conclusion  |

***Reference book – Primary 5 Basic Science & Technology***

