**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***

