**LESSON DEVELOPMENT ONE**

**UNITS AND SYMBOLS OF TEMPERATURE SCALE**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1**  **Introduction – Introductory Activities**  **(5 minutes)** | Shows a thermometer to the pupils. Also show a big labelled diagram of one.  Tells them that the number on the thermometer is its scale. While the letter °C and °F are units (symbols) of temperature. |  | 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/chart showing thermometer. | 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**  **(10 minutes)** | Tells the pupils that the °C and °F stand for degree Celsius (or Centigrade) and degree Fahrenheit.  Ask them to look at chart carefully.  0° C is the freezing point of water. Its equivalent is 32°F. 100°C is the boiling point. Its equivalent is 213°. |  | Instructions used for measuring thermometer |
| **Step 4**  **Development – Groups Activities**  **(10 minutes)** | What is the equivalent of  1. 10° C°  2. 70° C,  3. 10° F  4. 70° F. |  | High and low temperature.  Meaning of thermometer. |
| **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**  **(5 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions.  **SUMMARY**  Temperature is the degree of hotness or coldness of an object. To measure how hot or cold an object is, we use a thermometer. | The learners listen, ask and answer questions.  **KEY QUESTIONS**  What is the different between temperature and thermometer? | Lesson Evaluation and Conclusion |

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

