**LESSON DEVELOPMENT THREE**

**USES OF MAGNETS**

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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 -*** what are the properties of Magnets? | **Properties of Magnets**  1. Magnets attract magnets  2. Opposite poles attract one another.  3. Like poles push one another away (repel).  4. Magnets attract objects of iron, cobalt and nickel. | 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 of radio, television, telephone, speaker, electric generator, electric bell, ammeter, etc. | 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)** | Lets pupils identify the items on the chart. |  | North and South Poles of a Magnets |
| **Step 4**  **Development – Groups Activities**  **(10 minutes)** | **Guided Instructions –**  If a magnet is found in a speaker, microphone, mobile phone, computer, television, etc. what are usefulness of magnets in the mentioned item? |  | Properties of Magnets |
| **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**  Magnets can be affected by electricity, which makes them very useful in machines and computers.  Magnets are used to make a tight seal on the doors to refrigerators and freezers.  They power speakers, earphones and television.  Magnets are used to store data in computer. | The learners listen, ask and answer questions.  **KEY QUESTIONS –**  Make a note of uses of Magnets in your notebook. | Lesson Evaluation and Conclusion |

***Reference book – Primary 6 Basic Science & Technology***