**LESSON DEVELOPMENT TWO**

**PROPERTIES 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)** | Ask pupils – what are the different between magnetic and non magnetic materials? | Magnetic materials are materials that can be attracted by magnet.  While non magnetic materials are materials that cannot be attracted by magnet. | 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 – magnetic bars. | 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)** | Guides each group identify North and South poles of a magnet. |  | North and South Poles of a Magnets |
| **Step 4**  **Development – Groups Activities**  **(10 minutes)** | **Guided Instructions –**  1. Place North Pole of a magnet on another South pole of a magnet. Record your observation.  2. Place North Pole of a magnet on another North pole of a magnet. Record your observation.  3. Place South Pole of a magnet on another South pole of a magnet. Record your observation. | **RECORD OBSERVATIONS**  1. The opposite poles of two magnets attract to another.  2. North pole drives North Pole away.  3. South pole drives South Pole away. | 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**  **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. | The learners listen, ask and answer questions.  **KEY QUESTIONS – *what are the properties of Magnets*** | Lesson Evaluation and Conclusion |

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