**LESSON DEVELOPMENT TWO**

**PROPERTIES OF MAGNETS**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 magnets2. 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***