**LESSON DEVELOPMENT TWO**

**MEANING OF FORCE – PUSH AND PULL**

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| **STAGE/TIME** | **TEACHER’S ACTIVITIES** | **LEARNER'S ACTIVITIES – MIND/HANDS ON** | **LEARNING POINTS** |
| **Step 1****Introduction** **(5 minutes)** |  **INTRODUCTORY ACTIVITIES**Asks pupils to identify the following pictures.  | **MIND/HANDS ON ACTIVITIES**  | 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 – Charts showing different types of forces. Sample of magnetic, ball fan, pressing iron and bucket of water.  | 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****(10 minutes)** | Groups Activities – 1. Use magnet to pick a park of pins and pencil. 2. Throw a ball into the air. 3. What makes a ceiling fan rotate. 4. Lift a bucket of water. 5. Rub your palm against each other.  | Explain your observations – expected findings – 1. Magnet attracts iron and magnetic materials.2. Whatever goes up is bought down.3. Electricity makes the fan rotate.4. It is heavy to lift.5. The palms become warm.  | Types of forces  |
| **Step 4** **Development** **(10 minutes)**  | Asks each group to present their answers so that you can compare responses with those of other groups.  | Presentation  | Presentation   |
| **Step 5****Conclusion****(10 minutes)** | To conclude the lesson, the teacher revises the entire lesson and ask the key questions. **SUMMARY –**  There are many types of forces – magnetic, gravitational, electric, frictional and muscular force. **KEY QUESTIONS –** what happens when you grease your palms before rubbing them together.  | The learners listen, ask and answer questions.The rubbing will be smooth and easy with less force.  | Lesson Evaluation and Conclusion  |



