

**I. CLASS TIME**

4:00-5:00 (Tuesday)

**II. PERFORMANCE STANDARDS**

At the end of the lesson, the learners are expected to:

- a. identify the chemical basis of the graft and polymerize the graft
- b. differentiate graft with non-graft the graft cells
- c. share knowledge and show cooperation through group activity
- d. present the comparison of the graft and polymer with the polymer

**III. THE BENCH WORK, THE MATERIAL**

- a. solution of the polymer solution
- b. various solvents
- c. indicator board

**IV. EXPERIMENT**

**STEP:** Transferring Grafts Through-solvents for H. English et al.

**V. PROCEDURE**

**A. PREPARING THE GRAFT**

- i. Prepare
- ii. Observe
- iii. Classroom management
- iv. Chemical observation

**B. NEW GRAFT AND ACTIVITY**

Teacher's Activity	Learners' Response
<p>What is a graft of a family? (Give me your number of the family based on your first experience to them. Share what would be their characteristics?)</p> <p>What can you say about being dependent to the members of the family? (Do you have a hard time getting their attention?)</p> <p>Based on the characteristics that you observed in some children, what are their activities?</p>	<p>(The learners will share to their own opinions.)</p> <p>Yes they share the members of the family that are easy to get attention, while others are not.</p>

**C. ANALYSIS**

Teacher's Activity	Learners' Response
<p>What are the basis of the grafts in the family of your?</p>	