

Marabella North Secondary School

Mr. Riad Rampat

Class: 403

Performance Assessment: Sexual Reproduction in Plants

Title: Create and Present a Model of Sexual Reproduction in Flowering Plants

Objective:

Students will demonstrate their understanding of the structures and processes involved in sexual reproduction in plants by designing, constructing, and explaining a 3D model of a flower and its reproductive cycle.

Task Description:

Students will work individually or in pairs to create a detailed 3D model of a flowering plant, highlighting key structures involved in sexual reproduction: stamen, pistil, ovule, pollen grain, and seed formation.

They must also prepare a 5-minute oral presentation explaining:

- The function of each reproductive part,
- The process of pollination and fertilization,
- The formation of seeds and fruit.

Models can be made from recycled materials, craft supplies, or any creative medium students choose.

Presentation Requirements:

- Clear explanation of structures and their functions
- Accurate description of the sexual reproduction process
- Proper use of biological terminology

Skills Evaluated:

- Knowledge application
- Scientific communication
- Critical thinking
- Creativity and innovation