CH. 13: Plant Processes

Lesson: 13-1 Reproduction of flowering plants
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 6

Lesson Objective
Describe the roles of pollination and fertilization in sexual reproduction.
Describe how fruits are formed from flowers.
Explain the difference between sexual and asexual reproduction in plants.

Teaching Procedure
Day 1: Read/discuss p. 298, and p. 300-301. Assign: Worksheet 13-1.
Day 2: Read/discuss p. 302-303.
Day 3: LAB: Dissect flower, identify the parts.

Homework Assignment
Worksheet 13-1.

Lesson: 13-2 Ins and outs of making food
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 6

Correct Homework, if any

Lesson Objective
Describe the process of photosynthesis.
Discuss the relationship between photosynthesis and sellular respiration.
Explain the importance of stomata in the processes of photosynthesis and transpiration.

Teaching Procedure
Read/discuss p. 304-306. Assign: Worksheet 13-2.

Homework Assignment
Worksheet 13-2.

Lesson: 13-3 Plant responses to the environment
Author: Mr. Hilvers
Endorsed: St. Lawrence School
Level: Grade 6

Correct Homework, if any

Lesson Objective
Describe how plants may respond to light and gravity.
Explain how some plants flower in response to night length.
Describe how some plants are adapted to survive cold weather.

Teaching Procedure
Day 1: Read/discuss p. 307-308. Assign: Worksheet 13-3.
Day 2: Read/discuss p. 309-311.

Homework Assignment
Worksheet 13-3.

Lesson: Test
Author: …
Endorsed: …
Level: Grade 6

Student Evaluation