Biology B
Flower Inquiry

Questions:

a. How do plants reproduce sexually to make seeds?
b. Why are seeds genetically different from the parent plant?
c. What is the role of pollinators, such as hummingbirds, in the reproduction of flowering plants?

Methods: _____/10

1. Examine and explore each part of your flower through dissecting it while you follow the directions in Biggs et al. (2002) pg. 678-679.
2. Draw and tape each part in your journal and label it.
3. Answer any questions in your journal.

Analysis:

1. Complete Analyze and Conclude questions #1-3 on pg. 679 _____/5
2. Write a conclusion (2 paragraphs) addressing the original questions: _____/20
    a. How do plants reproduce sexually to make seeds? Include role of stamen, anther, pollen, stigma, style, pistil, ovary, ovule, and seed in your answer.
    b. What is the role of pollinators, such as hummingbirds, in the reproduction of flowering plants?

TOTAL: _____/40

Extension question:
Why are seeds genetically different from the parent plant?