

Fruits and Seeds

1. Lettuce Seed Germination Experiment (Lab Manual p. 9)

- A. Work in groups of 2-3 people
- B. Petri dishes
 - i. Label dishes
 - a. Treatment
 - b. Your names
 - c. Section day
 - ii. Seal dishes with Parafilm and place by window

2. Flowers

- A. Fennel
- B. Broccoli relative

3. Seeds (Lab Manual p. 8-9)

- A. Corn (monocot)
 - i. dissect seed

- B. Bean (dicot)
 - i. dissect seed
 - ii. dissect fruit

- C. Pea (dicot)
 - i. dissect seed
 - ii. dissect fruit

4. Fruits (Lab Manual p. 4-8)

- A. Explore diversity of fruit types with key
 - i. Locate seeds
 - ii. Identify Pericarp layers
 - iii. Note residual flower parts

- B. Known fruit types
 - i. Legume
 - ii. Silique
 - iii. Nut
 - iv. Achene
 - v. Pome
 - vi. Berry
 - vii. Hesperidium
 - viii. Drupe
 - ix. Pepo

- C. Try to identify "mystery" fruit types