

Traditional Lesson Format

Bean Dissection

Preparation:

Purchase a bag of large lima beans at the supermarket.

Count out approximately 2 beans for each student who will participate in the Bean Dissection activity.

Place counted beans in a bowl and cover with water.

Soak beans overnight.

Teaching Strategy:

Introduce the book *Oh Say Can You Seed*, by Bonnie Worth to the class. Read orally pages 6-15 and discuss.

Distribute 2 beans to each student. Place beans on dry paper towels.

Review seed parts with students as they investigate the beans,

Ask students to take beans apart and identify the seed coat, cotyledon(s), and embryo.

- You may ask students to observe and record findings as they locate seed parts.
- You may ask students to sketch the seed parts as they locate and identify them.
- Provide “Ag in the Classroom Bean Book” kits for students to construct as a reference tool for future use. To obtain Bean Book plans, visit <http://www.agintheclassroom.org/060605/Teachers/Make%20&%20Takes/Bean%20Book.pdf>.