**Agriculture in Society**

**Unit 3:** Plant Science in Agriculture

**Lesson 2:** Fruits, Vegetables, and Nuts

**Lesson 2.1:** Gardening Basics and Planning

State Orientation to Agriculture in Society Standards:

**OAS 4.05** Develop gardening plants that incorporate hardiness zones and specific plant requirements like depth and spacing

National AFNR Standards:

**PS.01** Develop and implement a crop management plan for a given production goal that accounts for environmental factors

Student Learning Objectives:

1. Students will develop garden plans that are informed by plant requirements, needs, and hardiness zones.

Outside Resources

1. AgEd Net
   1. [Garden Preparation Lessons](https://www.agednet.com/menuht.shtml#URBAN)
      1. **Library of Resources –** This resource provides a wide variety of resources for teachers to teach garden preparation.
2. University of Florida
   1. [UFL Plan a Garden](https://aec.ifas.ufl.edu/media/aecifasufledu/teacher-repository/April-6-10-LP11.docx)
      1. **Lesson Plan and Activity –** Students will plan a garden that meets the needs of the student’s family.
3. Teachers Pay Teachers
   1. [Planning a Garden](https://www.teacherspayteachers.com/Product/Planning-a-Garden-5443203)
      1. **Packet –** This packet takes students through the steps of planning, setting up, planting and harvesting plants.
   2. [Garden Planning](https://www.teacherspayteachers.com/Product/Garden-Planning-Unit-Co-Op-Project-8482816)
      1. **Project –** This project helps students plan a garden, including designing a garden, choosing plants, hardiness zones, schedules, budgeting, and soil.