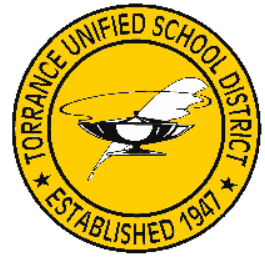




Plant & Soil Science

Agriculture & Natural Resources Industry



Program Overview

The Torrance Unified School District Plant & Soil Science Pathway provides students with the academic and technical skills needed to be successful in the field of Agriculture & Horticulture. Students will learn soil composition/properties, nutrient functions, plant anatomy/physiology, plant and soil conservation, growing plants, water conservation & quality, plant reproduction & propagation, pest management, production methods & biotechnology, and local crop management.



Course Sequence

Urban Farming

Urban Farm to Table

Student Experiences

Students are involved in **real-world learning experiences** on campus and in the community.

- Growing Vegetables & Harvesting Crops
- Exploring different growing methods such as raised beds, vertical gardening, and hydroponics
- Using canning and freeze-drying methods to preserve a harvest
- Membership in **Future Farmers of America (FFA)** with the opportunity to participate in regional, state, and national competitions.

College & Career Ready

Students develop **soft skills** in communication, critical thinking, teamwork, leadership, and work ethic.

Students can earn an **industry certification** in

- Plant and Soil Science 1
- Plant and Soil Science 2

Students have an opportunity to participate in an **internship** with local businesses.

Students earn **UC/CSU "D" science credit** and are prepared to enter a **degree program** in Agriculture and Horticulture.

