The Pleasant Grove High School Agriculture Pathway offers students the opportunity to complete a comprehensive four-year program to prepare them for continued college education, as well as training for future careers in a variety of fields. A "learn by doing" approach is used that combines the traditional classroom with an outdoor laboratory plus community- and leadership-based activities. The Agricultural Education program integrates three core areas:

- **Classroom/Laboratory Instruction** – contextual learning within interactive classes that are inquiry based.
- **FFA**: development of premier leadership, personal growth and career success for all students.
- **Supervised Agricultural Experience Programs (SAEP)**: work based learning experience in a “real-life” setting through a project related to agriculture.

The above model produces well-rounded individuals who are prepared to be leaders in agriculture, business and industry.

### FUTURE CAREER OPTIONS

<table>
<thead>
<tr>
<th>High School Diploma</th>
<th>AA, AS Degree or Certificate</th>
<th>BS, BA or Post-Graduate Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursery Worker</td>
<td>Land Use Planning Technician</td>
<td>Soil/Water Manager</td>
</tr>
<tr>
<td>Forestry Aide</td>
<td>Field Representative Technician</td>
<td>Agronomist</td>
</tr>
<tr>
<td>Crop Inspector</td>
<td>Animal Health Technician</td>
<td>County Planner/Landscape</td>
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<tr>
<td>Irrigator</td>
<td>Greenhouse Grower/Manager</td>
<td>Animal Nutritionist</td>
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<tr>
<td>Milker</td>
<td>Soil Conservation Technician</td>
<td>Integrated Ag Pest Control Advisor</td>
</tr>
<tr>
<td>Park Aide</td>
<td>Landscape Designer</td>
<td>Veterinarian</td>
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<tr>
<td>Gardener/Groundskeeper</td>
<td>Forestry Technician</td>
<td>Plant/Animal Geneticist</td>
</tr>
<tr>
<td>Feeder</td>
<td>Artificial Inseminator</td>
<td>Forester/Ranger</td>
</tr>
<tr>
<td>Ag Supplies Warehouse</td>
<td>Ag Sales and Service Technician</td>
<td>Urban Ag Architecture</td>
</tr>
<tr>
<td>Ag Service Technician Trainee</td>
<td>Ag Import/Export Technician</td>
<td>Ag Teacher/Farm/Home Advisor</td>
</tr>
<tr>
<td>Ag Equipment Operator</td>
<td>Ag Equip. Service</td>
<td>Ag Research/Developer</td>
</tr>
<tr>
<td>Ag Business Clerk</td>
<td>Ag Equip. Set-up</td>
<td>Ag Engineer</td>
</tr>
<tr>
<td>Farmworker and Laborer</td>
<td>Foreperson</td>
<td>Ag Business Owner/Operator</td>
</tr>
</tbody>
</table>

### PATHWAY BENEFITS

- Ability to compete at the state and national level
- All students are offered agricultural opportunities in industry
- School Farm provides real world agricultural experiences on the PGHS campus
- Technology integration into the classroom learning environment
- College and career readiness activities and hands on learning emphasis
- Leadership, communication and cooperation skill development
- Community Contributors

### PARTNERS

- Sacramento County Farm Bureau
- Sheldon Feed
SAMPLE PROGRAM OF STUDY*

* The sample program of study outlined below lists academy-specific courses and does not include the full list of graduation requirements in writing, math, VAPA, WL, etc. These courses are subject to change based upon industry trends.

Career-Themed Course(s)

9th Grade
- **Applied General Science**: This course explores earth science, chemistry, geography, meteorology, astronomy, oceanography, chemistry, forces, work, energy, waves, alternate energy sources and nuclear energy as it relates to agriculture. Students will be exposed to the FFA supervised agricultural experience programs and careers.

10th Grade
- **Agricultural Biology**: This is a one-year laboratory course designed for students with interests in the following areas: the molecular and cellular, chemical and structural, and energetics of life. Students will learn about plants and animals, evolution of modern plants and livestock, genetics, taxonomy, animal nutrition, and the environment.

11th Grade
- **Elements and Principles of Floral Design**: This course is designed to acquaint students with theories and principles of artistic design and their influence on floral artistry.
- **Animal Anatomy & Physiology**: This course provides information, activities, and skills in the areas of scientific method, classification systems, mammalian production, production management, health care, anatomy, physiology, reproduction, nutrition, mitosis, meiosis, respiration and genetics.

12th Grade
- **Ornamental Horticulture**: This course is a survey of principles and practices of horticulture designed to improve the knowledge of home gardeners as well as those seeking a career in horticulture.
- **Economics in Agriculture**: This agri-business course is designed to introduce students to the basic principles of all economic systems with special emphasis on the areas of individual student decision making and world economy as they relate to agriculture.
- **Veterinary Science**: This course provides an introduction for students interested in pursuing a career in veterinary medicine.

How to Apply
- Applications accepted online during January and February
- Students will be notified in March

Who Can Apply?
All students residing within the PGHS attendance area.

CONTACT INFORMATION

Pleasant Grove High School
Agriculture Pathway
Email: PGHSFFA@egusd.net
Web: pghs.egusd.net
Web: www.EGUSDexplore.com

ACADEMY VS. NON-ACADEMY DATA (DISTRICT-WIDE)

DUAL CREDIT
- Economics in Agriculture – Articulated with CRC/ AGB 300 Introduction to Agriculture Business

www.EGUSDexplore.com