



CTE Horticulture Science 4

- PS 1 Independently investigate the socio-economic role of agriculture and analyze the basic functions of the marketing process.
- PS 2 Independently investigate the horticulture industry and demonstrate leadership and employability.
- PS 3 Apply human relations, communications and leadership skills.
- PS 4 Analyze important scientific concepts about ecosystems to horticulture and natural resources.
- PS 5 Design and instruct students in Supervised Agricultural Experiences.
- PS 6 Analyze the principals of plant growth, reproduction and post harvest considerations.
- PS 7 Apply understanding and use of scientific practices in horticulture science investigations.
- PS 8 Demonstrate methods of plant propagation.
- PS 9 Analyze and use plant and growth controls.
- PS 10 Analyze growth patterns.
- PS 11 Apply methods.
- PS 12 Design a program to control plants.
- PS 13 Implement of cultural controls.
- PS 14 Apply knowledge of care.
- PS 15**
- PS 16 Analyze the correct.**
- PS 17 Organize a group of student SAE projects with flowers and plants for a year.
- PS 18 Organize and follow through to completion a plant and flower competition.
- PS 19 Instruct students on personal safety and safe use of tools and equipment.
- PS 20 Instruct students on demonstrating human relationships, communications and leadership skills before during and at the completion of the class.
- PS 21 11-12.RST.1 Cite specific textual evidence to support analysis of science and technical texts, attending to important distinctions the author makes and to any gaps or inconsistencies in the account.
- PS 22 11-12.RST.2 Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.
- PS 23 11-12.RST.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
- PS 24 11-12.RST.7 Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.
- PS 25 11-12.WHST.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
- PS 26 11-12.WHST.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.