CTE Garden Science

Federal Way Public Schools

PS 1	Demonstrate an understanding of scientific inquiry.
PS 2	Demonstrate an understanding of how the technological design process can be used in gardening science.
PS 3	Demonstrate an understanding of plant physiology.
PS 4	Demonstrate an understanding of the use and transfer of energy within plants.
PS 5	Demonstrate an understanding of plants within ecosystems.
PS 6	Demonstrate the skills necessary to participate in a successful team.
PS 7	Demonstrate preparation of planting beds.
PS 8	Demonstrate seed starting techniques.
PS 9	Demonstrate an understanding of criteria to design and build a raised-bed vegetable garden.
PS 10	Demonstrate an understanding of appropriate pest and disease control in the garden.
PS 11	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 12	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 13	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 14	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 15	11-12.WHST.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
PS 16	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.