**Agriscience Education**

Subject Specific Items for PST Observation Tool

1. Plans and implements instruction based on knowledge and use of core academic principles, discipline-specific content, and learning concepts.
2. Plans and implements instruction based on local, state, and national curricula, frameworks and standards.
3. Plans and implements instruction based on knowledge and consideration of school, family, and community contexts.
4. Constructs lessons adapted to student needs based on different developmental levels, learning needs, and personal and career interests.
5. Plans and implements instruction based on awareness of students’ prior knowledge and experience in order to promote active learning.
6. Sequences learning tasks into coherent units of instruction in order to effectively scaffold student learning, and organizes lessons for initiation, development, and closure.
7. Monitors and questions for understanding and responds to group and individual levels of understanding by adjusting teaching strategies.
8. Applies concepts, procedures, and activities to build understanding and to help students connect knowledge and skills to real world problems.
9. Provides opportunities for students to develop and improve problem-solving skills, and to think critically and creatively
10. Seeks out and uses a variety of resources from multiple sources to create meaningful and interesting activities to support learning
11. Plans and implements instruction using appropriate and varied strategies and methods, including effective use of technology, to promote learning.
12. Creates a respectful, safe, and challenging classroom climate that supports a productive and safe learning environment for all students.
13. Maximizes the amount of time spent on learning by effectively managing transitions, routines, student engagement and behavior.
14. Creates positive and supportive interactions with students through respectful, appropriate, and effective verbal and nonverbal communication techniques.
15. Uses a variety of informal and formal assessment data to plan, implement, and adjust instruction and learning activities based on expectations and monitoring of student learning.
16. Demonstrates knowledge, plans instruction, and chooses learning activities that reflect current practices and anticipated needs in relevant agricultural fields.
17. Introduces students to socially relevant issues in agriculture, and provides opportunities for respectful and critical analysis of various perspectives regarding such issues.
18. Demonstrates knowledge about legal and ethical issues, safety, and respect for living things.