

D. Pedagogy

1. Translates content knowledge into developmentally appropriate instructional goals and plans
2. Knows content-related pedagogy
3. Vary their teaching actions, strategies, and methods to promote the development of multiple student skills and levels of understanding
4. Considers applications of content to real world settings
5. Designs instruction that is clear, well-sequenced and coherent
6. Uses assessment that is compatible with instructional goals
7. Successfully promote the learning of science by students with different abilities, needs, interests, and backgrounds
8. Successfully organize and engage students in collaborative learning using different student group learning strategies
9. Successfully use technological tools, including but not limited to computer technology, to access resources, collect and process data, and facilitate the learning of science

Comments on candidate's strengths/areas to improve in content knowledge:

TEACHING AND LEARNING

II. Human Development, Motivation, and Learning

Excellent	Proficient	Adequate	Unsatisfactory
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1. Applies knowledge of intellectual, social, and emotional characteristics of age group
2. Understand and build effectively upon the prior beliefs, knowledge, experiences, and interests of students
3. Establishes appropriate level of rigor for grade level and individual students

III. Classroom Organization, Management and Curriculum

Excellent	Proficient	Adequate	Unsatisfactory
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A. Social/Instructional Environment

1. Create and maintain a psychologically and socially safe and supportive learning environment
2. Creates and maintains appropriate interactions with students
3. Sets high expectations for learning
4. Promotes meaningful, purposeful work
5. Establishes and maintains consistent standards of behavior
6. Supports students' continual engagement in authentic work

B. Curriculum

1. Plan and implement internally consistent units of study that address the diverse goals of the National Science Education Standards and the needs and abilities of students.
2. Understand the curricular recommendations of the National Science Education Standards, and can identify,

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access, and/or create resources and activities for science education that are consistent with the standards.

C. Physical Environment

1. Organizes time, materials, and space effectively to support learning
2. Creates a safe physical environment that is conducive to learning

D. Safety and Welfare

1. Understand the legal and ethical responsibilities of science teachers for the welfare of their students, the proper treatment of animals, and the maintenance and disposal of materials
2. Know and practice safe and proper techniques for the preparation, storage, dispensing, supervision, and disposal of all materials used in science instruction
3. Know and follow emergency procedures, maintain safety equipment, and ensure safety procedures appropriate for the activities and the abilities of students
4. Treat all living organisms used in the classroom or found in the field in a safe, humane, and ethical manner and respect legal restrictions on their collection, keeping, and use

IV. Instructional Strategies and Materials

Excellent

Proficient

Adequate

Unsatisfactory

A. Presentational Skills (Lesson Presentation)

1. Communicates clearly and accurately using effective oral and written language
2. Uses time effectively and encourages students to do the same
3. Makes smooth transitions
4. Strives for active involvement of all students
5. Applies information literacy skills, including appropriate use of technology
6. Uses variety of instructional strategies that meets the needs of all students

B. Interactive Techniques (Collaborative)

1. Makes appropriate adjustments during implementation of the lesson to make learning accessible to all students
2. Uses questioning and discussion techniques that engage and challenge all students
3. Encourages students to extend their thinking and apply what has been learned
4. Uses questioning, probing, and redirecting techniques to facilitate the extension, refinement, and meaningful use of knowledge by all students
5. Encourages student collaboration where appropriate
6. Understand the processes, tenets, and assumptions of multiple methods of inquiry leading to scientific knowledge
7. Engage students successfully in developmentally appropriate inquiries that require them to develop concepts and relationships from their observations, data, and inferences in a scientific manner

C. Materials

1. Uses variety of instructional materials that meet the needs of all students

V. Assessment Strategies

Excellent

Proficient

Adequate

Unsatisfactory

1. Use multiple assessment tools and strategies to achieve important goals for instruction that are aligned with methods of instruction and the needs of students
2. Use the results of multiple formative and summative assessments to guide and modify instruction, the classroom environment, or the assessment process
3. Provides feedback that is accurate, constructive, substantive, specific, and timely
4. Use the results of assessments as vehicles for students to analyze their own learning, engaging students in reflective self-analysis of their own work

Comments on candidate's strengths/areas to improve in teaching and learning:

CHARACTER AND PROFESSIONALISM				
VI. Commitment	Excellent	Proficient	Adequate	Unsatisfactory
<ol style="list-style-type: none"> 1. Demonstrates enthusiasm for teaching and learning 2. Presents an appropriate professional appearance and demeanor during all school-related events as well as within the greater community context 3. Is reliable, punctual, and dependable 4. Knows and follows school procedures 5. Maintains accurate and meaningful records 6. Engage actively and continuously in opportunities for professional learning and leadership that reach beyond minimum job requirements 7. Reflect constantly upon their teaching and identify ways and means through which they may grow professionally 8. Use information from students, supervisors, colleagues and others to improve their teaching and facilitate their professional growth 				
VII. Collaborative Relationships	Excellent	Proficient	Adequate	Unsatisfactory
<ol style="list-style-type: none"> 1. Collaborates with colleagues and mentor new colleagues 2. Interact effectively with colleagues, parents, students, and social service agencies 3. Foster positive relationships with the community to support student learning and development 4. Participates in school and community functions 5. Recognizes that students are best understood in the contexts of family, culture, and society 				
VIII. Science and the Community	Excellent	Proficient	Adequate	Unsatisfactory
<ol style="list-style-type: none"> 1. Identify ways to relate science to the community, involve stakeholders, and use community resources to promote the learning of science 2. Involve students successfully in activities that relate science to resources and stakeholders in the community or to the resolution of issues important to the community 				
IX. Efficacy	Excellent	Proficient	Adequate	Unsatisfactory
<ol style="list-style-type: none"> 1. Demonstrates a belief that all students can learn 2. Believes in own efficacy as a teacher 				
X. Democratic Ideals	Excellent	Proficient	Adequate	Unsatisfactory
<ol style="list-style-type: none"> 1. Demonstrates respect for all students regardless of abilities, exceptionalities, cultural differences, and life experiences 2. Believes in the ideals of social justice and equality 3. Appreciates the need to attend equitably to all learners in the educational setting 				

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XI. Reflective Practices	Excellent	Proficient	Adequate	Unsatisfactory
1. Reflects on the effect of one's own teaching on student learning 2. Uses constructive suggestions to improve				
Comments on candidate's strengths/areas to improve in character and professionalism:				

To what degree has the student teacher influenced student learning in this classroom?

Minimal
Impact

1

2

Somewhat
Effective

3

4

Highly
Effective

5

What is your response to the student's self-evaluation/cooperating teacher's evaluation?