

EVALUATION OF STUDENT TEACHING EXPERIENCE

Please highlight or underline appropriate areas.

CLINICAL FACULTY OR COOPERATING TEACHER
STUDENT TEACHER SELF-EVALUATION

MIDTERM OR FINAL

Date:

Student Teacher:

Clinical Faculty:

Cooperating Teacher:

School:

Grade/Subject:

Semester Student Teaching:

Certification Area: SCIENCE

Directions for Midterm: Read the descriptions of performance levels for each criterion carefully. Highlight or underline each statement within the performance level descriptions that best describes the candidate's performance, based on all available evidence. Highlight or underline all available evidence. Review the evaluation with the candidate and set goals for improvement.

Directions for Final: Read the descriptions of performance levels for each criterion carefully. Highlight or underline the overall performance level description that most closely matches the candidate's performance, based on all available evidence.

For example, a candidate must meet **all** of the components of the description under "Target" with substantial evidence in order to warrant that rating for each indicator.

SECTION I: PEDAGOGY			
1. Plans curriculum and instruction based on knowledge of students, subject matter, and curriculum goals. (ED 610.02 b, c, d; INTASC 7, KNOWLEDGE)			
<p>Does not meet Target: In planning curriculum, does not integrate knowledge of students, subject matter, and curriculum goals. In planning instruction, does not integrate knowledge of students, subject matter, and curriculum goals. Knowledge of students, subject matter, and/or curriculum goals is limited.</p>	<p>Approaching Target: In planning curriculum, integrates knowledge of students, subject matter, and curriculum goals to some extent. In planning instruction, integrates knowledge of students, subject matter, and curriculum goals to some extent. Demonstrates good general knowledge of students, subject matter, and/or curriculum goals.</p>	<p>Target: In planning curriculum, consistently draws on and integrates knowledge of students, subject matter, and curriculum goals. In planning instruction, consistently draws on and integrates knowledge of students, subject matter, and curriculum goals. Demonstrates extensive knowledge of students, subject matter, and curriculum goals.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>
2. Individualizes instruction based on the needs of diverse learners. (ED 610.02 a, d, e, f, g; INTASC 3, KNOWLEDGE)			
<p>Does not meet Target: Does not apply an understanding of how individual students learn the content. Pays no attention to individualizing instruction to address student differences, but provides same instruction and experiences for all students. Ignores students having difficulty learning or blames them for failing to understand. Does not provide learning experiences that challenge or engage individual learners.</p>	<p>Approaching Target: Applies a growing understanding of how individual students learn the content. Attempts to incorporate knowledge of individual students and adapts instruction to meet their needs. Persists in assisting students who are having difficulty learning. Seeks to provide challenging and engaging learning experiences for individual learners, but is inconsistent in doing so.</p>	<p>Target: Regularly applies an understanding of how individual students learn the content. Is sensitive and attentive to differences in students' learning and addresses these in individualized instruction. Persists in ensuring the success of all students, including those who are having difficulty learning. Consistently provides challenges and engaging learning experiences for all individuals.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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3. Uses a repertoire of effective teaching strategies appropriate to the learner(s), content, and learning goals. (ED 610.02 d, e, f; INTASC 4, KNOWLEDGE)			
<p>Does not meet Target: Relies heavily on one or two teaching strategies, primarily direct instruction. Does not select teaching strategies that match the needs of the learner, the content, or the learning goals.</p>	<p>Approaching Target: Uses a variety of teaching strategies. Attempts to select teaching strategies that match the needs of the learner, the content, and the learning goals, but sometimes misses opportunities to do so or selects inappropriately.</p>	<p>Target: Regularly and effectively uses a variety of teaching strategies. Strategies are well-chosen to match the needs of the learners, the content, and the learning goals.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

4. Promotes students' active engagement in learning. (ED 610.02 a, c, d, f; INTASC 2,5, HOLISM)			
<p>Does not meet Target: Does not intellectually engage students in significant learning as a result of inappropriate activities, materials, or content delivery. Seldom involves students in discussion or questioning and is unable to draw upon student ideas to extend their thinking. Provides few opportunities for students to interact with materials or classmates. Makes few or no attempts to relate the content to students' lives and interests.</p>	<p>Approaching Target: Generally engages students in learning with appropriate activities, materials, and delivery of content. Involves students in discussion and questioning, with most students participating. Provides frequent opportunities for students to engage with materials and classmates. Frequently relates the content to students' lives and interests, but may miss opportunities to do this more regularly.</p>	<p>Target: Actively engages students in significant learning with meaningful activities, materials, and content. Use of questioning and discussion reflect true interaction with all students participating. Regularly provides opportunities for students to engage with materials and classmates. Meaningfully relates the content to students' lives and interests.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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5. Uses a variety of assessment strategies to inform instruction. (ED 610.02 i; INTASC 8, KNOWLEDGE)			
<p>Does not meet Target: Does not assess student learning regularly or have an assessment plan. Uses only one type of assessment strategy (e.g., tests). Assessment is arbitrary and not connected to instruction and/or learning. Does not make expectations clear for students and students are not sure about how they will be assessed. Provides little or no written or verbal feedback to students, or feedback is perfunctory or not given in a timely manner. Feedback does not encourage student persistence.</p>	<p>Approaching Target: Prepares lessons and activities that include plans for assessing student learning. Uses a combination of informal and formal assessment strategies. Connects assessment to instruction and/or learning goals. Gives students a general awareness of how they will be assessed, but may need to provide additional explanation or clarification of expectations. Provides frequent and timely written and verbal feedback for students. Feedback is generally meaningful and encourages student learning.</p>	<p>Target: Routinely integrates assessment of student learning into lessons and throughout daily activities. Comfortably uses a variety of informal and formal assessment strategies, with an emphasis on authentic assessment. Designs and uses assessments to enhance his/her knowledge of students and inform instruction. Provides students with clear expectations and criteria for assessment. Consistently provides frequent, timely, and meaningful written and verbal feedback for students that fosters student learning.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

6. Uses technology effectively to support teaching and learning. (ED 610.02 m; INTASC 6, KNOWLEDGE)			
<p>Does not meet Target: Does not use any form of technology to support teaching and learning, or uses it in ways that are meaningless or ineffective.</p>	<p>Approaching Target: Uses technology effectively during teaching to present information and enhance and extend lessons. Uses technology, including Internet resources, to research and prepare lessons and learning experiences.</p>	<p>Target: Effectively enhances his or her own and the students' learning by using technology in appropriate and meaningful ways. Uses technology in ways that support authentic assessment. Uses technology to locate resources and enhance own understanding of content. Uses technology to manage professional data. Assists students in using technology effectively and appropriately.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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7. Uses instructional time effectively. (ED 610.02 – no direct match; INTASC 4, KNOWLEDGE)			
<p>Does not meet Target: Wastes instructional time with meaningless activities or repetitions of ineffective directions. Pacing is poor and not responsive to students. Provides excessive “down time” or social time. Ends class or lesson early or does not complete lesson.</p>	<p>Approaching Target: Generally uses instructional time effectively, though some time may be spent on clarifying directions or expectations. Pacing is suitable for students. Flow of learning is sometimes disrupted in order to accomplish routine tasks.</p>	<p>Target: Structures and paces instructional time effectively and in response to student needs.. Demonstrates economy of time by accomplishing routine tasks in ways which do not disrupt the flow of learning. Use of instructional time has a positive impact on student learning</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate’s self-evaluation Clinical Faculty observation Candidate’s lesson plans Candidate’s unit plans Candidate’s written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

8. Positively Affects Students’ Learning. (ED 610.02 a, i; INTASC 2, 8, KNOWLEDGE)			
<p>Does not meet Target: Candidate’s ineffectiveness is demonstrated based on assessment data that illustrates there is a general lack of student progress toward learning goals.</p>	<p>Approaching Target: Candidate’s effectiveness is demonstrated based on assessment data that illustrates evidence of sustained progress among some students toward learning goals.</p>	<p>Target: Candidate’s effectiveness is demonstrated based on assessment data that illustrates evidence of sustained progress among all students toward learning goals.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate’s self-evaluation Clinical Faculty observation Candidate’s lesson plans Candidate’s unit plans Candidate’s written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Comments and suggestions for candidate regarding PEDAGOGY:

SECTION II: CLASSROOM ATMOSPHERE			
1. Creates a classroom community that fosters students' intellectual, social, and personal development. (ED 610 .02 a, d, g; INTASC 5, HOLISM)			
<p>Does not meet Target: Does not demonstrate warmth or sensitivity toward students. Does not make students feel safe or respected. Allows inappropriate comments or actions. Is not responsive to student interests, questions, or concerns. Does not see the connection between positive relationships and teaching and learning. Does not attempt to build positive relationships with and among students.</p>	<p>Approaching Target: Demonstrates genuine warmth and caring for students. Creates a learning environment that promotes respect for individual differences of ethnicity, race, language, culture, gender, and ability. Is aware of but responds inconsistently to student interests, questions, or concerns. Recognizes that positive interactions with and among students are essential for good teaching and learning and attempts to build positive relationships with and among students.</p>	<p>Target: Demonstrates genuine warmth and caring for students and treats them as individuals worthy of respect. Creates a learning environment that promotes respect for, and support of, individual differences of ethnicity, race, language, culture, gender, and ability. Is highly responsive to student interests, questions, and concerns. Understands that positive interactions with and among students are essential for good teaching and learning and builds positive relationships with and among students.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>
2. Sets high expectations and facilitates all students' achievement of expectations. (ED 610.02 a, e; INTASC 2, 5, KNOWLEDGE, HOLISM)			
<p>Does not meet Target: Does not provide equal access to instruction and learning for all students and fails to promote individual self-worth. Does not foster a classroom culture for learning and demonstrates low expectations for student achievement. Demonstrates low commitment to the content and to students' satisfaction in their work.</p>	<p>Approaching Target: Provides equal access to instruction and learning for all students and conveys the attitude that all students are important and have a right to learning opportunities and attention. Establishes a positive classroom culture for learning and sets high expectations for student learning. Displays interest in the content. Encourages students' persistence and satisfaction in their work.</p>	<p>Target: Ensures that all students have equal access to instruction and learning. Demonstrates that the self-worth of the students is important to him/her and makes all students feel valued. Demonstrates a high degree of interest in the content and commitment to individual students' achievement of high expectations. Encourages students' persistence and pride in their work.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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3. Uses classroom management and discipline strategies to create an environment conducive to learning. (ED 610.02 g; INTASC 5, HOLISM)			
<p>Does not meet Target: Does not establish or effectively follow classroom routines and procedures. Manages group or transition times inappropriately or unproductively. Displays favoritism or a lack of sensitivity to the needs of individual students. Uses ineffective classroom management techniques, overly harsh or overly lax, and applies them inconsistently. Often appears to be overwhelmed by classroom management or ignores behavior issues that crop up.</p>	<p>Approaching Target: Establishes and follows efficient and effective routines and procedures. Manages group and transition times appropriately. Tries to be sensitive to the needs of individual students but may rely heavily on one-size-fits-all discipline techniques. Treats all students fairly. May lack confidence in his/her classroom management and be dependent on the classroom teacher to address problem behaviors.</p>	<p>Target: Establishes and follows routines and procedures that are designed to support student learning. Manages group and transition times effectively to make optimal use of instructional time. Uses fair, effective and responsive classroom management techniques. Takes a proactive rather than reactive approach to problem behaviors and is sensitive to the needs of individual students. Displays justifiable confidence in his/her classroom management.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Comments and suggestions for candidate regarding CLASSROOM ATMOSPHERE:

SECTION III: REFLECTIVE PRACTICE			
1. Reflects on and evaluates the effects of his/her pedagogical choices and actions on students' learning. (ED 610.02 f, j; INTASC 9, KNOWLEDGE)			
<p>Does not meet Target: Does not reflect on or evaluate the effects of his/her pedagogical choices and actions on students, or these reflections are inaccurate. Is unable to propose ideas for improving instruction. Does not take responsibility for student learning, but attributes success and failure of students to outside factors.</p>	<p>Approaching Target: Reflections on the effects of his/her pedagogical choices and actions are generally accurate. Can identify and implement general strategies for improving instruction. Takes responsibility for success of students but often attributes failures to other factors.</p>	<p>Target: Critiques own teaching accurately and perceptively, set relevant and specific goals, and implements needed changes. Regards difficulties as problems to be solved and takes a researcher's stance in approaching difficulties.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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2. Reflects on and evaluates the results of student assessment and uses information to inform instruction. (ED 610.02 i, j; INTASC 8, 9, KNOWLEDGE)			
<p>Does not meet Target: Demonstrates limited or no use of reflective practice during student assessment.</p>	<p>Approaching Target: Demonstrates use of a reflective practice during student assessment. Assesses student performance, reflects and uses student assessment data to inform instruction. Identifies specific strategies for working with students who are not meeting learning goals.</p>	<p>Target: Demonstrates use of a reflective practice during student assessment. Assesses student performance, reflects and uses student assessment data to inform instruction. Identifies specific strategies for working with students who are not meeting learning goals; re-assesses; reflects and uses student assessment data to inform new instruction (Reflective Cycle).</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Comments and suggestions for candidate regarding REFLECTIVE PRACTICE:

SECTION IV: PROFESSIONALISM			
1. Communication (ED 610.02 h; INTASC 6, KNOWLEDGE)			
<p>Does not meet Target: Verbal and nonverbal communication (body language, facial expressions) often conveys lack of interest or disrespect for the audience. Written and/or oral communication does not model standard English or is unclear or inappropriate for the audience.</p>	<p>Approaching Target: Verbal and nonverbal communication (body language, facial expressions) is respectful but does not always convey interest in the audience. Oral and written communication conforms to standard English and is usually appropriate to the audience, but may sometimes require additional explanations or revisions.</p>	<p>Target: Verbal and nonverbal communication (body language, facial expressions) consistently conveys interest in and respect for the audience (students, colleagues, parents, administrators). Oral and written communications conform to standard English and are clear, accurate, and expressive and appropriate to the audience.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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2. Partnerships (ED 610.02 k, l; INTASC 10, COLLABORATION)			
<p>Does not meet Target: Does not seek out opportunities to interact or collaborate with school colleagues. Interactions with school personnel are negative or self-serving. Does not seek involvement in school and/or district projects and initiatives.</p>	<p>Approaching Target: Interactions/collaborations with school staff, parents and others are respectful and professional. Actively and productively participates in school and district projects and initiatives when invited.</p>	<p>Target: Interactions/collaborations with school staff, parents and others are respectful and professional. Takes initiative to actively and productively participate in school and district projects and initiatives.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

3. Professional Development (ED 610.02 k; INTASC 9, COMMITMENT)			
<p>Does not meet Target: Does not seek feedback and/or responds defensively when it is offered. Does not participate in professional development activities, or participates reluctantly. Does not utilize available resources. Expresses limited commitment to the profession, and does not articulate any professional goals</p>	<p>Approaching Target: Accepts feedback, but does not always seek it out or respond appropriately. Makes some efforts to improve professional practice and participates in professional development activities, mostly on recommendation of others. Is aware of available resources, but uses them inconsistently. Expresses interest in the profession and can describe general professional goals.</p>	<p>Target: Seeks, accepts, and responds to feedback appropriately. Makes continuous efforts to improve professional practice, including using available resources (e.g., colleagues, literature). Demonstrates a commitment to the profession: seeks out and participates in professional development activities; joins professional association; and attends professional conferences, if possible. Establishes a realistic plan for continued professional growth.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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4. Professional Presentation (ED 610.02 n; INTASC 9, COMMITMENT)			
<p>Does not meet Target: Has irregular work habits. Is often late or does not meet commitments. Needs continual prompting from cooperating teacher or supervisor to carry out responsibilities. Appears to have little self-confidence or interest in teaching and may appear disengaged. Displays a lack of professionalism in dress, attitude, and/or behaviors and lack of self-awareness of how his/her demeanor appears to others.</p>	<p>Approaching Target: Is usually well-prepared and organized. Is punctual and dependable, but needs some encouragement to be resourceful and flexible. Carries out responsibilities with occasional prompting from cooperating teacher or supervisor. Is generally confident about teaching and engaged in his/her responsibilities. Displays appropriate dress, attitude, and behaviors and is aware of the effect of his/her demeanor on others.</p>	<p>Target: Is consistently well-prepared and organized. Is punctual, dependable, resourceful, and flexible. Carries out responsibilities on own initiative. Is poised and confident and fully engaged in his/her responsibilities. Is self-aware and conveys a professional demeanor through his/her dress, attitude, and behaviors.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

5. Adheres to school and district policies and procedures. (ED 610.02 n; INTASC 9, COMMITMENT)			
<p>Does not meet Target: Is not aware of school and district policies regarding such matters as dress, mandated reporting, maintenance of records, etc., or, if aware, does not adhere to these policies. Does not take the initiative to learn more about school and district policies and procedures. Does not comply with school policies, nor does s/he encourage students to comply with school policies.</p>	<p>Approaching Target: Demonstrates awareness of school and district policies and procedures and knows how to access them. Usually knows when it is appropriate to consult school and district policies and procedures before acting, but may need reminding. Complies with school policies and encourages students to comply with school policies.</p>	<p>Target: Takes the initiative to find out about policies and procedures. Is knowledgeable about school and district policies and procedures and knows how to access them. Consults school and district policies and procedures when in doubt about the interpretation of a policy. Complies with school policies. Encourages students to comply with school policies and assists students in understanding the reasons for policies and procedures.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

6. Demonstrates ethical behavior. (ED 610.02 n; INTASC 9, COMMITMENT, HOLISM)			
<p>Does not meet Target: Does not maintain confidentiality. Shows little or no awareness of ethical standards and does not consider ethical aspects of decision-making. Appears to have few resources for dealing with ethical issues and makes these decisions haphazardly. Does not consistently take responsibility for own actions, but often blames others. Often puts own self-interest above the interest of the students and school community.</p>	<p>Approaching Target: Maintains confidentiality. Shows awareness of privacy needs of students, families, and colleagues. Is aware of ethical standards and considers these in making decisions and responding to ethical issues, but needs guidance from cooperating teacher or supervisor. Shows awareness of possible consequences of his/her decisions and actions and accepts responsibility for them. Behaves ethically and shows concern for the well-being of students, families, and colleagues.</p>	<p>Target: Maintains confidentiality and respects the privacy needs and concerns of students, families, and colleagues. Is sensitive to ethical issues and considers ethical standards in making decisions and responding to ethical issues. Follows a thoughtful and systematic process in identifying and responding to ethical dilemmas. Takes responsibility for his/her decisions and actions and their consequences. Behaves ethically and in the best interests of students, families, and colleagues.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Comments and suggestions for candidate regarding PROFESSIONALISM:

SECTION V: SCIENCE CONTENT			
1. Demonstrates understanding of the central concepts, tools of inquiry, and structures of the discipline he or she teaches and can create learning experiences that make these aspects of subject matter meaningful to students.			
Standard 1a. Knows and understands major concepts and principles of the science being taught. ED 612.25 (1 a, b, c, d, f)			
<p>Does not meet Target: Makes mistakes in content instruction and may overlook or ignore such mistakes. Teaches largely by rote and recitation, from the textbook, with little depth or understanding.</p>	<p>Approaching Target: Makes some mistakes but tries to correct them when noted. May have some difficulty elaborating or clarifying some ideas or making relationships clear among concepts.</p>	<p>Target: Displays facility in conveying the subject to students. Has alternative explanations and can address student questions well. Connects new knowledge to that previously learned. Creates interconnections among concepts to build a framework of broad ideas.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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Standard 1b. Adapts content to the student's level of understanding. ED 612.25 (2 i)			
<p>Does not meet Target: Displays strong personal content knowledge but displays little ability to adjust its form, level or complexity to the needs and abilities of students.</p>	<p>Approaching Target: Displays strong personal content knowledge and displays an evolving ability to adjust its form, level or complexity to the needs and abilities of students</p>	<p>Target: Displays strong personal content knowledge and displays a consistent or practiced and skillful ability to adjust its form, level or complexity to the needs and abilities of students</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Standard 1c. Knows how to design and explain investigations and foster the effective analysis of data. ED 612.25 (1 c, g)			
<p>Does not meet Target: Does not know how to design investigations properly or makes mistakes in the analysis of data from classroom activities and/or cannot explain this content to students effectively.</p>	<p>Approaching Target: Displays knowledge of how to design investigations properly and makes few or no serious mistakes in analysis of student data from classroom activities. Generally can explain such content to students.</p>	<p>Target: Displays solid knowledge in designing investigations properly. Proficiently analyzes student data from classroom activities and effectively promotes student understanding of related concepts.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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Standard 1d. Engages students in study of the nature and tenets of science as a philosophy, activity and profession. ED 612.25 (1 f, 2 e, f)			
<p>Does not meet Target: Does not involve students in activities leading them to an understanding of the nature and tenets of science as a philosophy, an activity and a profession.</p>	<p>Approaching Target: Explores the nature of science as a philosophy, an activity and a profession through cases studies, questioning, and/or involvement of students in activities.</p>	<p>Target: Incorporates nature of science as a philosophy, an activity and a profession in a thematic way to scaffold inquiry.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Standard 1e. Engages students in effective science inquiry and investigation. ED 612.25 (2 a)			
<p>Does not meet Target: Seldom or rarely provides students with opportunities for effective inquiry and only in a limited number of directed or partially directed science inquiries.</p>	<p>Approaching Target: Provides students with opportunities to occasionally design investigations as well as conduct partially directed or directed science inquiries.</p>	<p>Target: Regularly provides students with opportunities to engage in directed or partially directed inquiries.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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Standard 1f. Relates science to technology, its applications, culture and human values. ED 612.25 (2 b)			
Does not meet Target: Seldom or only occasionally engages students in study of the relationship of science to cultural and social values, to technology and to needs and practices in such fields as agriculture, business and industry, literature and the arts.	Approaching Target: Includes some study of the relationship of science to cultural and social values, to technology and to needs and practices in such fields as agriculture, business and industry, literature and the arts as an organizing curricular theme.	Target: Regularly engages students in study of the relationship of science to cultural and social values, to technology and to needs and practices in such fields as agriculture, business and industry, literature and the arts.	Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:

2. Demonstrates understanding of how students learn and develop and can provide learning opportunities that support a student's intellectual, social, and personal development.			
Standard 2a. Addresses multiple dimensions of student personal, social, intellectual development. Ed 612.25 (2 b)			
Does not meet Target: Does not deliberately consider or address multiple dimensions of student development.	Approaching Target: Deliberately plans learning activities fostering student development in different dimensions but focuses on a limited range of knowledge or skills.	Target: Deliberately plans learning activities that integrate personal and social development with intellectual growth and learning of subject matter.	Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:

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3. Uses a variety of instructional strategies to encourage student development of critical thinking, problem solving, and performance skills.			
Standard 3a. Uses multiple and effective science teaching strategies. ED 612.25 (2 b)			
<p>Does not meet Target: Is unable to effectively employ a range of actions, strategies and methods to teach science.</p>	<p>Approaching Target: Demonstrates the ability to effectively employ a range of actions, strategies and methods to teach science.</p>	<p>Target: Demonstrates the ability to effectively employ a range of actions, strategies and methods to teach science that are reflective of best practices in the field-practices that actively engage students in critical thinking and problem solving.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Standard 3b. Knows and addresses student misconceptions and preconceptions in science.			
<p>Does not meet Target: Makes few attempts to determine and respond to student misconceptions or preconceptions and understanding of ideas during instruction</p>	<p>Approaching Target: Attempts to determine and respond to student misconceptions or preconceptions and understanding of ideas before and during instruction, with variable success.</p>	<p>Target: Determines and responds to student misconceptions or preconceptions and understanding of ideas regularly before and during instruction.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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Standard 3c. Relates science to the personal lives, needs and interests of students.			
<p>Does not meet Target: Rarely relates science to the things that are personally relevant to students.</p>	<p>Approaching Target: Makes some personally-relevant connections meaningful to students.</p>	<p>Target: Regularly organizes instruction in personal contexts that are relevant and meaningful to students.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

4. Uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.			
Standard 4a. Creates enthusiasm and motivation for science. ED 612.25 (2 c,i)			
<p>Does not meet Target: Has difficulty engaging students in learning activities and creates little interest or enthusiasm for the subject among students over time.</p>	<p>Approaching Target: Engages students in most learning activities successfully, with variable success in creating interest and enthusiasm for learning the subject among students over time.</p>	<p>Target: Consistently engages students in learning activities and sustains a moderate to high level of participation and enthusiasm for the subject among students over time.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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Standard 4b. Organizes and manages diverse and effective student groups. Ed 612.25 (2 g)			
<p>Does not meet Target: Is not effective in organizing and managing students in diverse groupings and roles.</p>	<p>Approaching Target: Organizes and manages students in a limited number of different group configurations with some role differentiation.</p>	<p>Target: Regularly and effectively organizes and manages students in diverse and appropriate group configurations with assigned student roles.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Standard 4c. Maintains safety and ensures proper treatment of animals. Ed 612.25 (2 d)			
<p>Does not meet Target: Fails to attend to, obey or enforce rules for safety or proper and ethical treatment of animals.</p>	<p>Approaching Target: Generally attends to, obeys and enforces rules for safety or proper and ethical treatment of animals.</p>	<p>Target: Generally attends to, obeys and enforces rules for safety or proper and ethical treatment of animals and discusses reasons for such rules with students, incorporating the discussion into the broader science curriculum.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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5. Uses knowledge of effective verbal, non-verbal and media communication techniques and appropriate technology to foster active inquiry, collaboration, and supportive interaction in the classroom.			
Standard 5a. Facilitates active inquiry, collaboration and supportive interactions. ED 612.25 (1 e, 2 a)			
<p>Does not meet Target: Does not effectively facilitate active inquiry, collaboration and supportive classroom interactions.</p>	<p>Approaching Target: Supports active inquiry, collaboration and supportive classroom interactions from time to time but has difficulty directing them.</p>	<p>Target: Routinely integrates active inquiry, collaboration and supportive classroom interactions as the basis for science instruction.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

6. Plans instruction based upon knowledge of subject matter, state and national standards, students, and the community.			
Standard 6a. Bases science instruction on newly revised state and national standards (NSTA or AAAS standards). Ed 612.25 (2 h)			
<p>Does not meet Target: Does not relate plans and activities to state and national standards.</p>	<p>Approaching Target: Relates plans and activities to isolated state and national standards on lesson plans.</p>	<p>Target: Relates plans and activities to multiple state and national standards on lesson plans demonstrating that more than one standard may be met by a given activity.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

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Standard 6b. Uses community resources to facilitate learning of science.			
<p>Does not meet Target: Seldom or never makes use of community resources to advance student learning and understanding of science.</p>	<p>Approaching Target: Makes limited use of limited community resources to advance student learning and understanding of science.</p>	<p>Target: Makes regular use of community resources to advance student learning and understanding of science with moderate success.</p>	<p>Highlight or underline all sources of evidence consulted and used in arriving at these ratings: Feedback from cooperating teacher Candidate's self-evaluation Clinical Faculty observation Candidate's lesson plans Candidate's unit plans Candidate's written reflections Conference with candidate Student work and assessment and documentation of student teaching Other: Please explain:</p>

Comments and suggestions for candidate:

This form has been discussed with the Student Teacher and electronically signed by:

Clinical Faculty or Cooperating Teacher's Signature

Date