



Profile of Student Teaching Performance:

Reference Guide for Observing and Assessing Student Teachers

Middle Education 6-8: Science

Science: Biology, Chemistry, Earth Science, Physics

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Culturally Responsive Practice Indicator Questions Revised June 2024

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A. PROFESSIONAL KNOWLEDGE The student teacher...

DN = Does Not Meet Expectations, DE = Developing Towards Expectations, ME = Meets Expectations (**TARGET**), EE = Exceeds Expectations

✓		A1. DEMONSTRATES AN UNDERSTANDING OF APPROPRIATE CONTENT STANDARDS (SOL/PROFESSIONAL STANDARDS). InTASC 4n
DN		inaccurately and inconsistently references the appropriate content standards.
DE		references appropriate content standards in daily plans;
ME		AND... explicitly references and clearly aligns appropriate content standards with planned activities and assessments;
EE		AND... clearly demonstrates and explains the appropriate sequencing of the content standards.

Questions for Reflection:

1. Did the student teacher document the specific SOL addressed for daily lessons?
2. How is this lesson related to a specific SOL?
3. What content is required by the SOL at this level?
4. Does the student teacher understand content in the National Generation Science Standards (NGSS)?
5. Does the student teacher convey the content of the NGSS to the students?
6. Does the student teacher understand the curricular recommendation of the NGSS?
7. Does the student teacher analyze local, state, and national curriculum standards based on their knowledge of content and early adolescent development?

✓		A2. DEMONSTRATES ESSENTIAL KNOWLEDGE AND SKILLS OF SUBJECT AREA. InTASC 4a, 4l, 7g
DN		inaccurately presents key subject matter ideas and skills.
DE		demonstrates accurate knowledge and skills of subject area;
ME		AND... uses representation and/or an explanation that captures key subject matter ideas and skills;
EE		AND... uses <u>multiple</u> representations and explanations that capture key subject matter ideas and skills.

Questions for Reflection:

1. Does the lesson clearly identify what the student teacher is teaching?
2. Do the questions, activities, and assessments relate to the lesson content?
3. Does the student teacher understand the content and correctly convey the concepts to the students?
4. Does the student teacher display facility in conveying the subject to students?
5. Does the student teacher display a consistent ability to adjust the content, its form, level or complexity to the needs and abilities of students?
6. Does the student teacher understand the nature of science?
7. Does the student teacher lead students in investigating the nature of science?
8. Does the student teacher effectively merge NGSS content with the ability of the learner?
9. Do grades 6-8 licensure student teachers demonstrate a comprehensive depth and breadth of knowledge in two content areas that are broad and multidisciplinary and regularly demonstrate the ability to make interdisciplinary connections?

✓		A3. DEMONSTRATES THE LINK BETWEEN THE CONTENT AND STUDENTS' PAST AND FUTURE LEARNING EXPERIENCES AS WELL AS RELATED SUBJECT AREAS. InTASC 4d
DN		references content to NEITHER the students' past and future learning experiences NOR related subject areas.
DE		references content to EITHER the students' past and future learning experiences OR related subject areas.
ME		references content to BOTH the students' past and future learning experiences AND related subject areas;
EE		AND... references content to real world experiences and applications.

Questions for Reflection:

1. What has the student teacher done to find out the students' prior knowledge?
2. Has an attempt been made to link content to other subject areas, including real life examples?
3. Are examples relevant to the student population?
4. Does the student teacher understand the content and correctly convey the concepts to the students?
5. Does the student teacher use student interests as springboard for scientific discussion?
6. Does the student teacher involve students in local issues relating to science?
7. Does the student teacher engage adolescents in activities related to their interpersonal, community, and societal responsibilities?
8. Does the student teacher consistently design curriculum and select materials that are integrative, challenging, and grounded in the ideas, interests, and experiences of all adolescents?
9. Do grades 6-8 licensure student teachers demonstrate a comprehensive depth and breadth of knowledge in two content areas that are broad and multidisciplinary and regularly demonstrate the ability to make interdisciplinary connections?
10. Are the same examples used over and over when students need more clarity?
11. Can the student teacher create new examples for further clarification?
12. Are the examples appropriate for the age level and populations?
13. Do the examples represent different modalities?
14. Do the examples relate to diverse needs?
15. Does the student teacher understand the historical developments in their field?
16. Does the student teacher relate science to the community and promote scientific literacy?
17. Does the student teacher involve students to show how science works in the community?

✓		A4. Culturally Responsive Practice: DEMONSTRATES AN UNDERSTANDING THAT DISCIPLINE CONTENT IS EVOLVING, APPRECIATES MULTIPLE PERSPECTIVES AND RECOGNIZES THE POTENTIAL FOR BIAS. InTASC 4b, 4o, 4p, 4q
DN		presents content without acknowledgement of alternative disciplinary perspectives.
DE		purposefully presents content that acknowledges alternative disciplinary perspectives;
ME		AND... identifies the potential of bias in their representation of the content of the discipline and seeks to address it;
EE		AND... facilitates learners' critical analyses of the multiple perspectives in the discipline.

Questions for Reflection:

Does the student teacher...

1. articulate their own potential bias?
2. identify potential bias when selecting content?
3. address bias in materials and methods in the areas of culture, religion, socio-economic status, etc.?
4. access current standards of learning and ensure alignment?
5. Implement diversity in methods?
6. consult valid sources of information for science?

B. ASSESSMENT OF AND FOR STUDENT LEARNING The student teacher...

DN = Does Not Meet Expectations, DE = Developing Towards Expectations, ME = Meets Expectations (**TARGET**), EE = Exceeds Expectations

✓		B1. SETS ACCEPTABLE, MEASURABLE, AND APPROPRIATE LEARNING OUTCOMES AND ACHIEVEMENT GOALS FOR STUDENT LEARNING. InTASC 6a, 6j, 6k
DN		sets unacceptable, immeasurable, or inappropriate learning outcomes and achievement goals for student learning.
DE		sets acceptable and appropriate learning outcomes and achievement goals for student learning;
ME		AND ...sets measurable learning outcomes and achievement goals for student learning AND states these clearly on the lesson plan;
EE		AND ...matches learning outcomes and achievement goals to classroom assessments.

Questions for Reflection:

1. Did the student teacher have a clear objective?
2. Did the student teacher have a purpose and rationale?
3. Did the student teacher understand the needs of diverse learners in the class?
4. Did the student teacher accommodate learning requirements of ESL, 504, Gifted & Talented, and IEP plans?
5. Did the student teacher “know the audience” and target appropriately?
6. Does the student teacher understand the historical developments in their field?
7. Does the student teacher effectively merge NGSS content with the ability of the learner?
8. Does the student teacher assess student achievement using multiple strategies that focus on the key concepts found within the critical knowledge base, and are they able to articulate criteria for strategy selection?

✓		B2. USES FORMAL AND INFORMAL ASSESSMENT OF LEARNING OUTCOMES. InTASC 6a, 6j, 6k
DN		uses inappropriate formal and informal assessments that are not linked to learning outcomes.
DE		uses appropriate formal and informal assessments that are linked to learning outcomes;
ME		AND ...can articulate ways formal and informal assessments should impact future learning activities;
EE		AND ...has strategies to provide students with effective, descriptive feedback to guide their progress.

Questions for Reflection:

1. Does the student teacher select the most appropriate form of assessment?
2. How is the plan for assessment aligned with the learning outcomes of the lesson?
3. Is the plan for assessment sufficiently systematic to provide the teacher with useful information about the extent to which learning outcomes have been met?
4. Is the assessment appropriate for all students in the class?

✓		B3. CHECKS FOR UNDERSTANDING TO ENHANCE STUDENT LEARNING. InTASC 6e, 6g, 7l
DN		makes few or no attempts to determine student comprehension AND gives students little or no feedback.
DE		monitors student comprehension of content AND provides students with limited feedback.
ME		uses a variety of assessment techniques to monitor comprehension of the content AND provides students with timely meaningful feedback.
EE		AND ...analyzes individual and group comprehension of the content AND gives all students substantive and specific feedback.

Questions for Reflection:

Does the student teacher...

1. check for understanding throughout the lesson?
2. involve individuals or groups in assessment?

3. recognize culturally specific ways of expressing understanding or confusion?
4. use a variety of means (verbal, nonverbal, written, etc.) and sources other than the teacher (other students, books, self-checking materials, etc.) to assess students' learning?
5. give frequent meaningful, substantive, and specific feedback for all students?
6. adjust instruction while in progress, with attention to the teachable moment?
7. use a variety of appropriate assessment strategies?
8. link an array of formal and informal assessments to instruction and consistently use this information to adjust future instruction?

✓		B4. SYSTEMATICALLY GATHERS, ANALYZES, AND USES MULTIPLE DATA SOURCES BY STUDENT GROUPS AND INDIVIDUALS TO UNDERSTAND STUDENT LEARNING. InTASC 6e, 6g, 6h, 6k, 6l, 6t, 6u
DN		unable to articulate effectiveness of teaching based on student learning data.
DE		able to articulate effectiveness of teaching based on student learning data;
ME		AND ...systematically gathers, analyzes, and uses relevant data to measure learner- or group-specific trends that can inform instruction;
EE		AND ...uses disaggregated data to plan appropriate, varied methods and activities to meet the learning outcomes with specific attention to students within gap groups.

Questions for Reflection:

Does the student teacher...

1. identify learner- or group-specific trends within assessment data?
2. utilize multiple relevant data sources to inform instruction?

✓		B5. Culturally Responsive Practice: ADAPTS ASSESSMENT TO ACCOMMODATE A VARIETY OF STUDENT NEEDS AND EXPERIENCES (WITH ATTENTION TO ENGLISH LANGUAGE LEARNERS, STUDENTS WITH EXCEPTIONALITIES, CULTURAL AWARENESS). InTASC 6g, 6h, 6i, 6l, 6p, 6u
DN		does not adapt assessments to accommodate student needs or experiences.
DE		inconsistently attempts to adapt assessments to accommodate student needs and experiences.
ME		consistently adapts assessments to accommodate most student needs and experiences.
EE		thoughtfully anticipates the needs of each student to adapt assessments with a variety of assessment approaches.

Questions for Reflection:

Does the student teacher...

1. collaborate with the cooperating teacher and resource teachers (SPED, ELL, Intervention specialist, etc.) to create/modify assessments?
2. reference ELL/IEP/504 plans in making assessment accommodations?
3. demonstrate the ability to scaffold and administer informal assessments to meet the diverse needs of student learners?
4. provide modality choices for assessment formatting and students' response (for example, visual, auditory, oral, paper/pencil, technology, proving their answers) when possible or appropriate?
5. demonstrate awareness of cultural differences and did they modify assessments respectfully and appropriately?

C. INSTRUCTIONAL PLANNING The student teacher...

DN = Does Not Meet Expectations, DE = Developing Towards Expectations, ME = Meets Expectations (**TARGET**), EE = Exceeds Expectations

✓		C1. IS FAMILIAR WITH AND USES RELEVANT ASPECTS OF STUDENTS' BACKGROUND, KNOWLEDGE, EXPERIENCE, AND SKILLS. InTASC 2c, 7j, 7n
DN		is unfamiliar with the background, experiences, and skill level of most students in the class.
DE		is familiar with the relevant aspects of the background, knowledge, experience, and skills of most students in the class;
ME		AND ...uses relevant aspects of students' background, knowledge, experience, and skills of most students in the class.
EE		demonstrates detailed understanding of the background, experience, and skill level of ALL students in the class AND plans using what they know about learners including developmental levels, prior learning, and interests.

Questions for Reflection:

1. Did the student teacher create an interest inventory?
2. Did the student teacher use pre-assessment tools?
3. Did the student teacher review student files?
4. Does the student teacher communicate with students during instructional and non-instructional time?
5. Does the student teacher plan/meet with resource personnel such as special education teachers/ESL teachers/ aides/guidance?
6. Does the student teacher demonstrate a comprehensive knowledge of the concepts, principles, theories, and research about adolescent development? Do they use this knowledge to provide all adolescents with learning opportunities that are developmentally responsive, socially equitable, and academically rigorous?

✓		C2. Culturally Responsive Practice: SELECTS CLASSROOM RESOURCES THAT REFLECT CULTURAL INCLUSIVITY AND PLANS FOR DIFFERENTIATED INSTRUCTION TO ADDRESS THE UNIQUE CHARACTERISTICS OF INDIVIDUAL STUDENTS (E.G. TAG/GT, ESL, SPECIAL NEEDS, GENDER, RACE, ETHNICITY). InTASC 1b, 2a, 7b
DN		plans undifferentiated instruction.
DE		plans differentiated instruction to address the unique characteristics of some individuals in the class.
ME		effectively plans differentiated instruction and selects classroom resources that are culturally inclusive to address the unique characteristics of most individuals in the class;
EE		AND ...seeks resources from instructional specialists to refine plans to meet learner needs.

Questions for Reflection:

Does the student teacher...

1. intentionally select materials/resources (visuals, texts, etc.) that respect and promote the different cultures within the classroom?
2. incorporate instructional examples that reflect multiple perspectives in the classroom?
3. demonstrate the understanding of the unique needs of the students and plan accordingly?
4. plan instructional strategies to meet student needs?

✓		C3. PLANS APPROPRIATE INSTRUCTIONAL STRATEGIES TO MEET THE LEARNING OUTCOMES. InTASC 7a, 7b,7l
DN		plans ineffective methods and activities to meet the learning outcomes.
DE		plans effective methods and activities to meet the learning outcomes;
ME		AND ...uses data and plans varied methods and activities to meet the learning outcomes with specific attention to students within gap groups;
EE		AND ...uses disaggregated data to plan appropriate, varied methods and activities to meet the learning outcomes with specific attention to students within gap groups.

Questions for Reflection:

1. Is the plan for assessment aligned with the learning outcomes of the lesson?
2. Is the plan for assessment sufficiently systematic to provide the teacher with useful information about the extent to which learning outcomes have been met?
3. Is the assessment appropriate to the students in the class? What methods are used? How are students of limited English proficiency and students with exceptionalities provided with opportunities to display their knowledge of content?
4. Can the student teacher describe how they will use the results of the assessment in planning future instruction?
5. Does the student teacher use a variety of appropriate assessment strategies?
6. Does the student teacher use assessment results to guide instruction?
7. Does the student teacher use assessment results for student reflection on their own learning?
8. Does the student teacher assess student achievement using multiple strategies that focus on the key concepts found within the critical knowledge base, and can they articulate criteria for strategy selection?

✓		C4. INTEGRATES INSTRUCTIONAL TECHNOLOGY IN PLANNING. InTASC 7k, 8r
DN		rarely or ineffectively integrates instructional technology in planning.
DE		sometimes effectively integrates instructional technology in planning;
ME		regularly integrates effective instructional technology in planning to meet learning outcomes;
EE		AND ...integrates a variety of instructional technology in planning, AND clearly identifies alternative plans in the event technology fails.

Questions for Reflections:

1. Do methods meet all learning styles and levels?
2. Is technology consistently used to present content and/or allow student use of technology?
3. Are the strategies and methods used effectively?
4. Does the student teacher consistently plan to use more than one method or strategy during each lesson?
5. Does the student teacher have a backup strategy if needed?
6. Does the student teacher display strong personal content knowledge and a consistent ability to adjust its form, level or complexity to the needs and abilities of students?
7. Does the student teacher understand the application of math to science?
8. Does the student teacher successfully integrate technology?
9. Does the student teacher actively engage students in independent and collaborative inquiry? Do they consistently select instructional strategies that are challenging, culturally sensitive, and developmentally responsive?

✓		C5. INTEGRATES ESSENTIAL CONTENT IN PLANNING. InTASC 7g
DN		integrates only non-essential content in planning.
DE		integrates essential content in some planning.
ME		integrates essential content in all planning;
EE		AND ...planning is expanded to elaborate on identified essential content to enhance student learning.

Questions for Reflection:

1. Has the student teacher incorporated content that reflects local pacing guides, state, and/or national standards?
2. Can the student teacher explain what the essential content is for their lessons?

✓		C6. PLANS TIME REALISTICALLY FOR PACING AND TRANSITIONS FOR CONTENT MASTERY. InTASC 7
DN		plans time unrealistically for pacing and transitions.
DE		plans time realistically for pacing; however, transition time is not apparent.
ME		plans time realistically for pacing AND transitions.
EE		plans include realistic pacing allowing for content mastery AND meaningful transitions that promote student learning.

Questions for Reflection:

1. Does the student teacher pace instruction in such a way that students appear to be on task most of the time?
2. Is there evidence of established routines and procedures that help the student teacher maximize the time available for instruction?
3. If a non-instruction interruption occurs, does the student teacher resume instruction efficiently?
4. Do all students have meaningful work or activities for the entire instructional time?

D. LEARNING ENVIRONMENT The student teacher...

DN = Does Not Meet Expectations, **DE** = Developing Towards Expectations, **ME** = Meets Expectations (**TARGET**), **EE** = Exceeds Expectations

✓		D1. ESTABLISHES A SAFE PHYSICAL AND PSYCHOLOGICAL ENVIRONMENT for all students. InTASC 3a, 3k
DN		maintains an unsafe physical and psychological environment.
DE		attempts to maintain a safe physical and psychological environment.
ME		effectively creates a safe physical and psychological environment;
EE		AND explains the purpose for these choices to all students.

Questions for Reflection:

1. How much control does the student teacher have over the physical environment? How does the student teacher adapt instruction when they have limited control?
2. Are any safety violations or risks evident?
3. To what extent is there a match between the lesson or activity and the furniture or room configuration?
4. Is the space arranged so that all students, including those with special needs, have access to the lesson?
5. How do physical and psychological factors in the environment reflect the learning that takes place there?
6. Does the student teacher understand the legal and ethical responsibilities of science teachers?
7. Does the student teacher practice safe storage and disposal of materials?
8. Does the student teacher follow appropriate safety guidelines?
9. Does the student teacher treat all living organisms used in class ethically?

10. Does the student teacher develop close, mutually respectful supportive learning environments that promote the healthy development of all adolescents?

✓		D2. ESTABLISHES A CLIMATE OF TRUST AND TEAMWORK. InTASC 3j, 3q
DN		ignores evidence that a climate of trust and teamwork is lacking.
DE		by being enthusiastic, fair, caring, and respectful to all students;
ME		AND... purposefully creates a climate of trust and teamwork, anchored in affirmation, mutual respect and validation, utilizing culturally responsive practices;
EE		AND... fosters regular student collaboration and models high expectations for all students.

Questions for Reflection:

1. Does the student teacher create equitable, caring, and productive learning environments?
2. Is the student teacher fair in interactions with students during the observed class period?
3. In what ways does the student teacher help students have access to learning?
4. In what ways does the student teacher help the students feel equally valued in the classroom?
5. Are there patterns of exclusion or over attention in the student-teacher interactions?
6. Is the student teacher inappropriately negative in remarks to students?
7. Do students treat each other fairly?
8. Does the student teacher respond appropriately to stereotyping, demeaning, or other unfair comments by students?

✓		D3. MAINTAINS CONSISTENT STANDARDS FOR POSITIVE CLASSROOM BEHAVIOR. InTASC 3c
DN		ignores students' needs and behavior.
DE		attempts to maintain positive classroom behavior.
ME		responds effectively and consistently to students' needs and behavior AND can explain why the model they are using for positive classroom behavior is effective.
EE		demonstrates the ability to change and adapt classroom management plans based on students' changing needs and behavior AND explain why changes were made.

Questions for Reflection:

1. Can the student teacher identify when they have changed classroom management techniques due to changes in students' behavior?
2. Does the student teacher demonstrate the ability to problem-solve and implement a behavior management program while continuing with classroom instruction?

✓		D4. Culturally Responsive Practice: DEMONSTRATES RESPECT FOR AND RESPONSIVENESS TO THE CULTURAL BACKGROUNDS AND DIFFERING PERSPECTIVES OF LEARNERS. InTASC 3f, 3l
DN		infrequently shows awareness of the different cultural backgrounds and differing perspectives of learners in the classroom.
DE		can identify the different cultural backgrounds AND acknowledge cultural and social diversity in all aspects of the learning process, including for gender, race, ethnicity, English Language Learners, and students with exceptionalities;
ME		AND... values and fosters classroom environments that create opportunities for access and achievement for the varying cultural backgrounds and differing perspectives of learners in the classroom;
EE		AND... incorporates, advocates, and affirms these differences into their teaching and use of content examples.

Questions for Reflection:

Does the student teacher...

1. use Universal Design for Learning to adapt appropriate lesson resources (images, materials, cultural artifacts) instructional methods, and strategies that are compatible with students' backgrounds, ages, and abilities?
2. research appropriate communication methods, based on cultural differences and abilities of students?
3. model appreciation, respect, empathy, and understanding for diverse cultures and abilities?

E. INSTRUCTIONAL DELIVERY The student teacher...

DN = Does Not Meet Expectations, **DE** = Developing Towards Expectations, **ME** = Meets Expectations (**TARGET**), **EE** = Exceeds Expectations

✓		E1. PRESENTS PROCEDURES AND OUTCOMES CLEARLY TO STUDENTS AND CHECKS FOR STUDENT UNDERSTANDING. InTASC 8j
DN		presents unclear OR inaccurate information about the learning objectives or the procedures for instructional activities.
DE		provides students with clear, accurate information about the learning objectives and procedures for instructional activities;
ME		AND ...ensures that all students understand the learning objectives AND can carry out those procedures;
EE		AND ...consistently presents clear procedures and outcomes, AND effectively checks for student understanding.

Questions for Reflection:

1. Is the student aware of the SOL and IEP goals?
2. Are these goals reflected in the student teacher's plans?
3. Does the student teacher inform the students of the goals before or during the learning experience?
4. Is the student teacher demonstrating how special needs students (IEP goals) are being addressed during instructional activities?

✓		E2. PRESENTS CONTENT ACCURATELY AND EFFECTIVELY. InTASC 4a, 4l, 8a, 8h
DN		uses ineffective strategies when presenting content to students.
DE		uses effective strategies to present content to students;
ME		AND ...makes content relevant to students' prior experiences;
EE		AND ...continually presents material clearly and explicitly with well-chosen examples.

Questions for Reflection:

1. Does the student teacher communicate content clearly and accurately?
2. In lessons that are not teacher-directed, has the student teacher structured the learning environment or process in a way that enables students to understand the content?
3. Are students engaged with the content?
4. Do lessons as a whole have coherent structure?
5. Does the student teacher recognize and use opportunities to help students extend their thinking?
6. Is the student teacher able to use the current content appropriately as a springboard to independent, creative, or critical thinking?
7. Does the student teacher challenge student thinking in ways relevant to their background knowledge and experiences?
8. Does the student teacher structure specific learning activities that encourage students to extend their thinking?
9. Does the student teacher understand the nature of scientific inquiry?
10. Does the student teacher frequently teach in engaging ways that maximize student learning?

✓		E3. ENGAGES AND MAINTAINS STUDENTS IN ACTIVE LEARNING. InTASC 4b, 4c, 8f, 8g
DN		keeps students passively involved in learning, relying heavily on lectures, textbooks and worksheets.
DE		attempts to keep students actively involved, but some students are disengaged.
ME		keeps students actively involved by adapting instruction in the moment, based on student learning needs;
EE		AND... keeps all students challenged and highly engaged as active learners and problem solvers.

Questions for Reflection:

1. Is there evidence of established routines and procedures that help the student teacher maximize the time available for instruction (i.e., is the majority of time devoted to learning activities opposed to managerial or behavior interruptions)?
2. If a non-instruction interruption occurs, does the student teacher resume instruction efficiently and quickly?
3. Do all students appear to be on task and engaging in meaningful instructional activities?
4. Is there evidence that the teacher differentiates instruction based on student instructional needs (e.g., homogeneous small groups, individualized instruction, etc.)?

✓		E4. ENGAGES LEARNERS IN A RANGE OF LEARNING EXPERIENCES USING TECHNOLOGY. InTASC 5l, 8g, 8n
DN		uses technology ineffectively to support student learning.
DE		provides students with guided practice in using technology to support student learning when appropriate and as available;
ME		AND... engages students in learning experiences with technology that is appropriate and challenging;
EE		AND... cultivates student collaboration and initiative in the use of appropriate technology to support student learning.

Questions for Reflection:

Does the student teacher...

1. use available technology when appropriate to enhance (a) lesson delivery and (b) student learning?
2. give students opportunities to use technology to enhance their learning?
3. provide students with tools, help, and guidance to effectively use technology?

✓		E5. FACILITATES STUDENTS' USE OF HIGHER-LEVEL THINKING SKILLS IN INSTRUCTION. InTASC 8f
DN		instruction includes only lower-level thinking skills (e.g. using only low level questions).
DE		instruction incorporates higher level thinking skills (e.g. problem solving, critical thinking, and analysis), but students still require instruction to apply these techniques.
ME		prepares students to apply existing knowledge in new areas through higher order thinking skills in instructional activities;
EE		AND... assesses their growth and development in use of higher-level thinking skills.

Questions for Reflection:

Does the student teacher...

1. use higher order questioning?
2. give students a variety of ways to use content?
3. understand the proper design of scientific experimentation?
4. understand the application of math to science?
5. lead students in investigating the nature of science?
6. understand the nature of scientific inquiry?
7. lead students in appropriate activities for applying scientific principles?

8. understand the social impact and connection of current events to science?
9. engage students in activities to relate science, citizenship, and cost?
10. connect science to the community and promotes scientific literacy?
11. frequently incorporate their content knowledge with the ideas, interests, and experiences of students, helping them to understand the integrative nature of knowledge?

✓		E6. DIFFERENTIATES INSTRUCTION AND PROVIDES APPROPRIATE ACCOMMODATIONS TO MEET THE NEEDS OF DIVERSE LEARNERS. InTASC 2a, 2b, 8h, 8p
DN		provides undifferentiated instruction for students.
DE		attempts to accommodate student learning needs but with mixed success.
ME		differentiates and scaffolds instruction to accommodate most students' learning needs.
EE		successfully reaches all students by skillfully differentiating and scaffolding, using activities appropriate for a range of learners.

Questions for Reflection:

Does the student teacher...

1. communicate content equitably for females and males, students of different ethnic or economic groups, students with exceptionalities, or students of limited English proficiency?
2. differentiate strategies and materials for all students or groups when appropriate?
3. use flexible groups to meet the students' needs?
4. lead students in appropriate activities for applying scientific principles?
5. promote science learning for all students?
6. value and appreciate all adolescents regardless of family circumstances, community environment, health, and/or economic conditions?
7. serve as an advocate for all adolescents in the school and in the community?

✓		E7. USES INSTRUCTIONAL AND TRANSITION TIME FOR CONTENT MASTERY. InTASC 4r, 8b
DN		uses instructional time inappropriately and/or on activities of little instructional value.
DE		inconsistently uses instructional and transition time effectively.
ME		consistently uses instructional and transition time effectively for content mastery;
EE		AND... performs non-instructional procedures efficiently.

Questions for Reflection:

1. Is it evident that the majority of classroom time is devoted to teaching and/or learning?
2. Are transitions used efficiently to maximize instructional time?
3. Does the student teacher implement effective and efficient classroom/behavior management techniques to keep students on task with little distractions from content learning?
4. Does it seem that students grasp and retain taught content? (Are they able to tell you what they learned?)

✓		E8. Culturally Responsive Practice: TEACHES AND MODELS THE SKILLS TO COMMUNICATE AND ENGAGE WITH DIVERSE GROUPS (based on race, ethnicity, gender, identity, ability, and/or socioeconomic status). InTASC 3f, 3l, 4m, 8k, 8p
DN		communicates and engages in ways that are not responsive or respectful to diverse groups.
DE		models the skills to communicate and engage with diverse groups in a responsive and respectful manner;
ME		AND intentionally teaches students how to communicate and engage with diverse groups;
EE		AND... ensure equitable engagement with peers in ways that support the eradication of discrimination and bias while mitigating classroom power imbalances.

Questions for Reflection:

Does the student teacher...

1. implement strategies to engage all students in conversations and feedback?
2. demonstrate the ability to identify and capitalize on teachable moments to promote inclusivity and understanding?
3. empower students to advocate for their own personal cultural while also respecting the culture of others?
4. use conflict resolution strategies to foster a positive classroom environment and prevent power imbalances (i.e. one student dominating conversations, avoiding cliques, and preventing bullying)?
5. model acceptance through respectful interaction and communication?
6. use verbal and written language that is nondiscriminatory and equitable for all?
7. employ flexible grouping consistently?
8. provide ways for and model how students can share their views with each other in a respectful manner?
9. plan for and provide opportunities for varied communication methods?

F. REFLECTION FOR STUDENT ACADEMIC PROGRESS The student teacher...

DN = Does Not Meet Expectations, **DE** = Developing Towards Expectations, **ME** = Meets Expectations (**TARGET**), **EE** = Exceeds Expectations

✓		F1. TAKES RESPONSIBILITY FOR STUDENT LEARNING BY USING ONGOING ANALYSIS AND REFLECTION. InTASC 6c, 6l, 9c, 9g, 9l
DN		puts the responsibility of learning on the student.
DE		acknowledges responsibility for student learning.
ME		takes responsibility for student learning by consistently making changes to plans and practice as a result of analysis and reflection;
EE		AND ...sets and implements professional goals to improve student learning.

Questions for Reflection:

1. Did the student teacher adjust or modify the teaching techniques used after reflecting on strengths and weaknesses?
2. Was the student teacher willing to be self-critical?
3. Was the student teacher willing to accept constructive criticism?
4. Does the student teacher identify teacher strengths?
5. Does the student teacher use assessment results for student reflection on their own learning?
6. Does the student teacher use feedback to guide improvements to instruction?

✓		F2. Culturally Responsive Practice: PROVIDES SPECIFIC EVIDENCE TO DOCUMENT STUDENT LEARNING. InTASC 6a, 6g, 6o, 6t, 9c, 9h
DN		provides unclear evidence to document student learning.
DE		collects and reviews assessment, engagement, behavioral, and attendance data to document student learning;
ME		AND disaggregates, analyzes and interprets the data to document student learning over time with specific attention to those within gap groups;
EE		AND applies differentiated strategies using a variety of assessment data to document student learning and develop interim learning goals.

Questions for Reflection:

1. What documentation is the student teacher able to provide?
2. Can the student teacher interpret the documentation?
3. Does the student teacher use the documentation to plan future lessons?
4. Does the student teacher assess learning by recording grades, charting student progress, maintaining portfolios, and/or participation?

5. Does the student teacher use a variety of assessment techniques?
6. Does the student teacher select the most appropriate form of assessment?
7. Did the student teacher clarify the basis for assessment in clear, defined objectives?
8. Does the student teacher use assessment results to guide instruction?

✓		F3. SEEKS AND USES INFORMATION FROM PROFESSIONAL SOURCES (E.G. COOPERATING TEACHER, COLLEAGUES, AND/OR RESEARCH) TO IMPROVE INSTRUCTION. InTASC 9d, 10e, 10r
DN		relies solely on own knowledge to improve instruction.
DE		seeks information from the cooperating teacher AND attempts to use it to improve instruction.
ME		seeks information from professional resources AND uses it to improve instruction.
EE		seeks information from varied professional resources AND uses it effectively to improve instruction.

Questions for Reflection:

Does the student teacher...

1. have more than one strategy for improvement?
2. notice a change in performance based on the strategies?
3. show initiative in seeking professional resources?
4. engage in continual professional development to stay in current in the field?
5. use feedback to guide improvements to instruction?
6. take leadership roles in promoting and participating in activities designed to extend knowledge in their teaching fields, integrating content, using content specific teaching and assessment strategies, and integrating state-of-the-art technologies and literacy skills?
7. initiate and value collaboration with others to improve instruction and assessment?
8. comprehend the challenges that families may encounter in contemporary society and subsequently use available support services and other resources?
9. take initiative to talk with teacher “specialists” to learn how to work with specific students?
10. go beyond information in the classroom to add to their individual strengths and uniqueness?
11. use assessment results to guide instruction?
12. use personal reflection as a guide to professional growth?
13. use feedback to guide improvements to instruction?

G. PROFESSIONALISM The student teacher...

DN = Does Not Meet Expectations, **DE** = Developing Towards Expectations, **ME** = Meets Expectations (**TARGET**), **EE** = Exceeds Expectations

✓		G1. DEMONSTRATES THE EXPECTATIONS OF THE PROFESSION INCLUDING CODES OF ETHICS, PROFESSIONAL STANDARDS OF PRACTICE AND RELEVANT LAW AND POLICY. InTASC 9j, 9o
DN		acts in an ethically questionable manner and does not follow federal and state laws and school policies.
DE		inconsistently adheres to ethical codes of conduct and professional standards (attendance, dress, meets deadlines, confidentiality, etc.).
ME		consistently adheres to ethical codes of conduct and professional standards (attendance, dress, meets deadlines, confidentiality, etc.);
EE		AND ...intentionally adheres to and can articulate federal and state laws, school policies and ethical guidelines.

Questions for Reflection:

Does the student teacher...

1. exhibit professional behaviors (attendance, dress, meets deadlines, confidentiality) that actively enhance their ability to fulfill other professional responsibilities?
2. take responsibility for, and continuously personally evaluate, any behaviors that interfere with the fulfillment of professional obligations?

- continually evaluate the effects of their professional decisions and actions on students, families and other professionals in the learning community?

✓		G2. TAKES INITIATIVE TO GROW AND DEVELOP THROUGH INTERACTIONS THAT ENHANCE PRACTICE AND SUPPORT STUDENT LEARNING. InTASC 9a, 9b, 9d, 9n, 10r
DN		infrequently participates in school-based learning experiences.
DE		takes ownership of professional growth by participating in school-based professional learning experiences;
ME		AND... practices the new strategies learned to support student learning;
EE		AND... actively seeks and engages in ongoing professional learning opportunities in order to meet professional goals in support of student learning.

Questions for Reflection:

Does the student teacher...

- exhibit professional behaviors that support and enhance student learning?
- show initiative to participate in school or division professional development?
- take ownership and reflect on their practice in light of current relevant teaching, professional ethics, and resources?

✓		G3. COMMUNICATES EFFECTIVELY THROUGH ORAL AND WRITTEN LANGUAGE WITH ALL STAKEHOLDERS. InTASC 3l, 8h, 10n
DN		frequently makes errors in grammar, usage, and spelling in professional contexts and does not access interpretation and translation services when appropriate.
DE		periodically makes errors in grammar, usage, and spelling in professional contexts.
ME		speaks and writes professionally and effectively in different environments AND accesses interpretation and translation services as appropriate;
EE		AND... uses multiple methods for communication, including appropriate technology.

Questions for Reflection:

- Does the student teacher model appropriate language usage either orally or in writing? Is the student teacher aware of cultural and language differences within the class?
- Does the student teacher respond appropriately to those differences?
- Is the student teacher comfortable with students who speak and write differently?
- Does the student teacher make few or no mistakes and display facility in conveying the subject to students?

✓		G4. Culturally Responsive Practice: USES INCLUSIVE COMMUNICATION STRATEGIES (E.G. FOR GENDER, RACE, ETHNICITY, ENGLISH LANGUAGE LEARNERS, AND ABILITY). InTASC 2o, 9e, 10g, 10q
DN		uses biased language, commits microaggressions, and/or makes no attempt to incorporate or consult colleagues for developing communication strategies to support all stakeholders' needs.
DE		consults with colleagues and specialists about stakeholder communication needs;
ME		AND... integrates inclusive communication strategies (e.g., intentional use of language) with all stakeholders;
EE		AND... reflects on personal biases and seeks resources to enhance their understanding of language, dialects, cultural, social and literacy needs of all stakeholders.

Questions for Reflection:

Does the student teacher...

- use inclusive communication strategies?
- seek input from multiple sources to meet students' learning and socio-emotional needs (SPED, ELL, Counselors, Speech therapist, etc.)?
- use modes of communication that ensures all stakeholders are able to access the information?

4. use inclusive communication strategies in professional settings? In what ways?
5. demonstrate awareness of their responsibility to provide and facilitate inclusive communication for all stakeholders?
6. model positive and respectful attitude regarding inclusive communication practices in informal professional settings?

✓		G5. BUILDS RELATIONSHIPS AND COLLABORATES WITH FAMILIES, COMMUNITIES, COLLEAGUES, AND OTHER PROFESSIONALS TO PROMOTE LEARNER GROWTH AND DEVELOPMENT. InTASC 1c, 10b, 10d, 10e
DN		makes little or no effort to effectively build relationships or collaborate with colleagues, administrators, and families.
DE		attempts to build relationships and collaborate with colleagues, administrators, and families.
ME		collaborates with colleagues, administrators, and families to support the specific learning needs of students;
EE		AND... communicates effectively to build strong relationships AND seeks out collaborative relationships with community members and other professionals to promote learner growth and development.

Questions for Reflection:

Does the student teacher...

1. seek opportunities to build relationships with families, communities, colleagues, and other professionals?
2. maintain a positive, collaborative relationship with families, communities, colleagues and other professionals to promote learner growth and development?

✓		G6. Culturally Responsive Practice: ACCESSES RESOURCES TO DEEPEN AN UNDERSTANDING OF CULTURAL, RACIAL, ETHNIC, GENDER AND LEARNING DIFFERENCES TO BUILD STRONGER RELATIONSHIPS AND CREATE MORE RELEVANT LEARNING EXPERIENCES. InTASC 2k, 9e, 9m
DN		demonstrates little or no attention to cultural, racial, ethnic, gender, and learning differences of students.
DE		occasionally uses curricular and instructional resources that represent and reflect the cultural, racial, ethnic, gender, and learning differences of students to build stronger relationships and create more relevant learning experiences.
ME		utilizes curriculum and resources that reflect the diversity of all learners AND consistently demonstrates knowledge of cultural, racial ethnic, gender, and learning differences of students to build stronger relationships and create more relevant learning experiences;
EE		AND... incorporates all learners' experiences, backgrounds, cultures, traditions and community into classroom curriculum and instruction AND incorporates diverse groups that are not represented in the classroom or school community.

Questions for Reflection:

1. Does the student teacher exhibit professional behaviors that interfere with student learning?
2. Does the student teacher take responsibility for, and steps to address, any professional behaviors that interfere with student learning?
3. Do the student teacher's professional behaviors actively enhance student learning and the performance of other professional responsibilities?
4. In general, has the student teacher demonstrated ethical and confidential handling of their professional responsibilities?
5. Can the student teacher identify specific situations that have called for special attention to confidentiality? How have they handled these situations?
6. Can the student teacher identify appropriate resources that would provide support for situations requiring special attention?
7. What specific areas of professional strength and areas for professional growth has the student teacher identified? What evidence does the student teacher present to support this assessment?

8. Has the student teacher participated in professional growth activities provided by the school or school division?
9. Has the student teacher developed a tentative long-term plan for professional growth?
10. Has the student teacher identified or participated in professional growth activities that extend beyond the school or school division, or that extend beyond the student teaching experience?
11. Does the student teacher's dress distract students from learning?
12. Is the student teacher's dress consistent with school division standards for teachers?
13. Does the student teacher's dress allow for appropriate interaction with students?
14. Does the student teacher interact with students, parents, and administrators in an ethical and professional manner?
15. Does the student teacher engage in activities that help parents and community members understand the nature of adolescents and the implications for parenting, teaching, and learning? Does the student teacher plan and execute successful parent conferences that involve adolescents as key participants and thoughtfully engage in other school and community activities?
16. Does the student teacher demonstrate a comprehensive understanding of their evolving role as a professional, the importance of their influence on all adolescents, and their responsibility for upholding high professional standards and modeling appropriate behaviors?
17. Does the student teacher demonstrate a comprehensive understanding of teaming/collaborative theories and processes and the interrelationships and interdependencies among various professionals that serve adolescents (e.g. school counselors, social service workers, home-school coordinators), and work as successful members of interdisciplinary teams?
18. Does the student teacher demonstrate a comprehensive knowledge of advisory/advocate theories, skills, and curriculum and regularly serve as advisors, advocates, and mentors of adolescents in various settings?
19. Does the student teacher take a leadership role in the larger learning community, accept professional responsibilities that extend beyond the classroom and school (e.g. advisory committees, parent-teacher organizations), and advocate for helping all adolescents become thoughtful, ethical, democratic citizens?
20. Does the student teacher model lifelong learning and take a leadership role in refining classroom and school practices that address the needs of all adolescents through successful practice and experience?