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Missouri State University

**Science Specialty Addendum**

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**Student Teacher Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: 1 2 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cooperating Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ School/District\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**University Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade/Course \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- | --- | --- | --- | --- | --- |
| **Trait Name** | **Trait Description** | **Ratings** | | | | |
| **High Level** | **Satisfactory** | **Needs Improvement** | **Not Observed** | **Not Applicable** |
| Science 1.0.0 | The candidate has an understanding of scientific concepts and can explain the concepts to students in multiple ways. NSTA 1; US:SA 1, 6-11; CA:SA 1, 3-5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 2.0.0 | The candidate incorporates explicit instruction about the nature of science into lessons on a regular basis. NSTA 2; US:SA 2; CA:SA 8 | 3 | 2 | 1 | (NO) | (NA) |
| Science 3.0.0 | The candidate incorporates explicit instruction about the impact of science on social issues into lessons. NSTA 4; US:SA 4; CA:SA 7 | 3 | 2 | 1 | (NO) | (NA) |
| Science 4.0.0 | The candidate uses prior conceptions and interests of students to promote their learning of science. NSTA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 5.0.0 | The candidate plans and teaches lessons that require students to collect and analyze scientific data. NSTA 3; US:SA 3; CA:SA 2 | 3 | 2 | 1 | (NO) | (NA) |
| Science 6.0.0 | The candidate plans and teaches lessons that require students to construct understandings from scientific data. NSTA 3; US:SA 3; CA:SA 2 | 3 | 2 | 1 | (NO) | (NA) |
| Science 7.0.0 | The candidate demonstrates the ability to relate science concepts to the “real life” of the students. NSTA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 8.0.0 | The candidate plans and teaches lessons that engage students in concrete experiences with scientific phenomena. NSTA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 9.0.0 | The candidate requires students to follow safety rules and enforces consequences for failure to follow rules. NSTA 9; US:SA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 10.0.0 | The candidate practices legal and ethical responsibilities of science teachers for the welfare of their students. NSTA 9; US:SA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 11.0.0 | The candidate practices safe and proper techniques for the preparation, storage, dispensing, supervision, and disposal of all materials used in science instruction.  NSTA 9; US:SA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 12.0.0 | The candidate follows emergency procedures, maintains safety equipment, and ensures safety procedures appropriate for the activities and the abilities of students. NSTA 9; US:SA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 13.0.0 | The candidate treats all living organisms used in the classroom or found in the field in a safe, humane, and ethical manner and respect legal restrictions on their collection, keeping, and use. NSTA 9; US:SA 5 | 3 | 2 | 1 | (NO) | (NA) |
| Science 14.0.0 | The candidate develops lessons that use advanced technologies to collect data and to teach students science. NSTA 5; CA:SA 2,6 | 3 | 2 | 1 | (NO) | (NA) |
| Science Influence on Student Learning | The student teacher influences student learning to ensure high levels of achievement among all students. **Comment required.** | 3 | 2 | 1 | (NO) | (NA) |
| Influence on Student Learning (**Comment Required**):  General Comments (optional): | | | | | | |  | 3 | 2 | 1 | (NO) | (NA) |
|  | 3 | 2 | 1 | (NO) | (NA) |

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