

## AAT Secondary Science Assessment Artifacts

<b>Experience(s)</b>	<b>Assessment: Evidence/Artifact</b>
Tutoring	Letter from parent/teacher; 6-14 learner work samples (high/medium/ low); and candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices.
Judging science fair	Letter from parent/teacher; science fair schedule/notice; and candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices.
Mentoring science fair student	Letter from parent/teacher; photo of 6-12 learner and candidate with work sample; and candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices.
Designing and Implementing a candidate-led workshop for the 6-14 learner.	Photo/Video plus letter from parent/teacher/institution/ professional organization; candidate work sample; and candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices.
Attending or presenting at a professional conference	Photo/video of presentation, conference documents, and the presentation in printed (6 slides/page is sufficient) or electronic format, and candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices.
Publishing an article/book	Submitted version with acceptance letter or actual reprint/copy.
Providing assistance to a science teacher or other community-based program instructor of 6-12 learners.	Letter from teacher; 6-12 learner work samples (high/medium/low); and candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices.
Performance-based Laboratory: Verification, Skill, or Concept Attainment	Professor-designed Instructions, Candidate Work Samples—Laboratory Notes/Report/Photo/ Video, Professor Feedback and Completed Rubric with Initials and date.
Performance-based Inquiry Laboratory: Experiment design, Skill, or Concept Attainment	Professor-designed Instructions, Candidate Work Samples—Laboratory Notes/Report/Photo/ Video, Professor Feedback and Completed Rubric with Initials and date.
Reflection	Candidate reflection on the experience and the impact on the teacher candidate growth in teaching and learning practices with professor feedback and completed rubric.
PowerPoint Presentation: to peers/professor/public	Photo/video of presentation, the presentation in printed (6 slides/page is sufficient) or electronic format, candidate reflection on the experience and professor feedback with completed rubric.
Poster Presentation: to peers/professional/public	Photo/video of presentation, the key text printed or electronic format, candidate reflection on the experience and professor feedback with completed rubric.
Concept Modeling Presentation to peers/professor/public	Candidate-designed planning notes, candidate reflection on the experience and professor feedback with completed rubric.
Research Paper: Laboratory Experiment, Literature Search, or Concept Exploration; etc.	Original research paper document and professor feedback with completed rubric.
Action Research Project	Original action research project documents and professor feedback with completed rubric. May also include photos/video/posters/etc.
Standardized Exit Exams	Official Memo to candidate with sub-area and total results.
Laboratory Safety Practicum	Signed Safety Certificate (Valid for only 3 years after completion to ensure of up-to-date readiness.)
Candidate-designed Product	Original product/documents or photo/video of product and professor feedback with completed rubric.