Performance Assessment in the Science

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Performance Assessment in Science

Science standards (Michigan Science Standards/NGSS) include three dimensions – Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts. Each individual standard includes all three components and all standards-aligned assessment should strive to attain three-dimensionality. Performance assessment is a necessary method to assess student ability to explain phenomenon or solve engineering problems.

[Michigan Science Standards](https://www.michigan.gov/documents/mde/K-12_Science_Performance_Expectations_v5_496901_7.pdf)

[NGSS](https://ngss.nsta.org/AccessStandardsByTopic.aspx)

Standards-aligned Assessment Materials:

[Michigan Examples](https://www.michigan.gov/documents/mde/2018_M-STEP_Annotated_Sample_Items_test_614886_7.pdf)

[Stanford](https://snapgse.stanford.edu/)

[STEM Teaching Tools](http://stemteachingtools.org/pd/sessionb)

[Task Annotation Project in Science (Achieve)](https://www.achieve.org/our-initiatives/equip/tools-subject/science/task-annotation-project-science)