



# New York State P-12 Science Learning Standards Quick Guide

## ***What are the New York State P-12 Science Learning Standards (NYSP12SLS)?***

Adapted from the Next Generation Science Standards in 2016, NYSP12SLS is a series of performance expectations that define what students should understand and be able to do because of their study of science. The NYSP12SLS are based on the Framework for K-12 Science Education (NRC, 2012) as well as guiding documents grounded in the most current research in science and scientific learning. These standards emphasize the importance of every student's engagement with natural scientific phenomenon at the nexus of three dimensions of learning: Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts.

The Domains of NYSP12SLS

**LS: Life Science**

**ESS: Earth and Space Sciences**

**PS: Physical Science**

**ETS: Engineering, Technology, and the Application of Science**

*NOTE: NYSED has divided the PS domain into Chemistry and Physics as seen in the NYSED High School Science Course maps.*

Below is an example of the organization of the [New York State Science Learning Standards](#). Please visit the [Introduction to the New York State Science Learning Standards](#) document for more information.

**Title**

Indicates grade level or grade band and Topic Area

**Performance Expectations**

Includes each performance expectation with grade level/Topic Area and Clarification Statement and/or Assessment B587.52

