

TITLE 6 PRIMARY AND SECONDARY EDUCATION
CHAPTER 29 STANDARDS FOR EXCELLENCE
PART 10 NEW MEXICO STEM-READY SCIENCE STANDARDS

6.29.10.1 ISSUING AGENCY: Public Education Department, hereinafter the department.
[6.29.10.1 NMAC - Rp, 6.29.10.1 NMAC, 07/01/2018]

6.29.10.2 SCOPE: All public schools, state educational institutions and educational programs conducted in state institutions other than New Mexico military institute.
[6.29.10.2 NMAC - Rp, 6.29.10.2 NMAC, 07/01/2018]

6.29.10.3 STATUTORY AUTHORITY:

A. Section 22-2-2 NMSA 1978 grants the authority and responsibility for the assessment and evaluation of public schools, state-supported educational institutions and educational programs conducted in state institutions other than New Mexico military institute.

B. Section 22-2-2 NMSA 1978 directs the department to set graduation expectations and hold schools accountable. Section 22-2C-3 NMSA 1978 requires the department to adopt academic content and performance standards and to measure the performance of public schools in New Mexico.
[6.29.10.3 NMAC - Rp, 6.29.10.3 NMAC, 07/01/2018]

6.29.10.4 DURATION: Permanent.
[6.29.10.4 NMAC - Rp, 6.29.10.4 NMAC, 07/01/2018]

6.29.10.5 EFFECTIVE DATE: July 1, 2018, unless a later date is cited at the end of a section.
[6.29.10.5 NMAC - Rp, 6.29.10.5 NMAC, 07/01/2018]

6.29.10.6 OBJECTIVE: The department-approved New Mexico STEM-ready science standards represent the required knowledge and skills in this field. They are mandated for grades K-12.
[6.29.10.6 NMAC - Rp, 6.29.10.6 NMAC, 07/01/2018]

6.29.10.7 DEFINITIONS: [RESERVED]

6.29.10.8 CONTENT STANDARDS WITH BENCHMARKS AND PERFORMANCE STANDARDS FOR SCIENCE, GRADES K-12: All public schools, state supported educational institutions and educational programs conducted in state institutions other than the New Mexico military institute are bound by the New Mexico STEM-ready science standards. These standards are available at www.ped.state.nm.us.

A. The following standards shall be utilized for elementary, middle, and high school in conjunction with the next generation science standards for states, by states incorporated by reference in 6.29.10 NMAC.

(1) Elementary:

(a) 1-SS-1 NM: Obtain information about how men and women of all ethnic and social backgrounds in New Mexico have worked together to advance science and technology.

(b) 5-SS-1 NM: Communicate information gathered from books, reliable media, or outside sources, that describes how a variety of scientists and engineers across New Mexico have improved existing technologies, developed new ones, or improved society through applications of science.

(2) Middle and high school:

(a) MS-ESS3-3 NM: Describe the advantages and disadvantages associated with technologies related to local industries and energy production.

(b) HS-LS2-7 NM: Using a local issue in your solution design, describe and analyze the advantages and disadvantages of human activities that support the local population such as reclamation projects, building dams, and habitat restoration.

(c) HS-SS-1 NM: Obtain and communicate information about the role of New Mexico in nuclear science and 21st century innovations including how the national laboratories have contributed to

theoretical, experimental, and applied science; have illustrated the interdependence of science, engineering, and technology; and have used systems involving hardware, software, production, simulation, and information flow.

(d) HS-SS-2 NM: Construct an argument using claims, scientific evidence, and reasoning that helps decision makers with a New Mexico challenge or opportunity as it relates to science.

B. The next generation science standards for states, by states by the NGSS lead states and any amendments made thereto are incorporated in this rule by reference.

[6.29.10.8 NMAC - Rp, 6.29.10.8 NMAC, 07/01/2018]

6.29.10.9 - 6.29.10.10: [RESERVED]

HISTORY OF 6.29.10 NMAC:

Pre-NMAC HISTORY: The material in this part is derived from that previously filed with the State Records Center:

SDE 74-17, (Certificate No. 74-17), Minimum Educational Standards for New Mexico Schools, filed April 16, 1975.

SDE 76-9, (Certificate No. 76-9), Minimum Education Standards for New Mexico Schools, filed July 7, 1976.

SDE 78-9, Minimum Education Standards for New Mexico Schools, filed August 17, 1978.

SBE 80-4, Educational Standards for New Mexico Schools, filed September 10, 1980.

SBE 81-4, Educational Standards for New Mexico Schools, filed July 27, 1981.

SBE 82-4, Educational Standards for New Mexico Schools, Basic and Vocational Program Standards, filed November 16, 1982.

SBE Regulation No. 83-1, Educational Standards for New Mexico Schools, Basic and Vocational Program Standards, filed June 24, 1983.

SBE Regulation 84-7, Educational Standards for New Mexico Schools, Basic and Vocational Program Standards, filed August 27, 1984.

SBE Regulation 85-4, Educational Standards for New Mexico Schools, Basic, Special Education, and Vocational Programs, filed October 21, 1985.

SBE Regulation No. 86-7, Educational Standards for New Mexico Schools, filed September 2, 1986.

SBE Regulation No. 87-8, Educational Standards for New Mexico Schools, filed February 2, 1988.

SBE Regulation No. 88-9, Educational Standards for New Mexico Schools, filed October 28, 1988.

SBE Regulation No. 89-8, Educational Standards for New Mexico Schools, filed November 22, 1989.

SBE Regulation No. 90-2, Educational Standards for New Mexico Schools, filed September 7, 1990.

SBE Regulation No. 92-1, Standards for Excellence, filed January 3, 1992.

History of Repealed Material:

6.30.2 NMAC, Standards for Excellence, filed November 2, 2000 - Repealed effective June 30, 2009.

6.29.10 NMAC, Science, filed June 30, 2009 - Repealed effective July 1, 2018.

NMAC History:

6 NMAC 3.2, Standards for Excellence, filed October 17, 1996.

6.30.2 NMAC, Standards for Excellence, November 2, 2000, replaced by 6.29.1 NMAC, General Provisions; 6.29.2 NMAC, Arts Education; 6.29.3 NMAC, Career and Technical Education; 6.29.4 NMAC, English Language Arts; 6.29.5 NMAC, English Language Development; 6.29.6 NMAC, Health Education; 6.29.7 NMAC, Mathematics; 6.29.8 NMAC, Modern, Classical and Native Languages; 6.29.9 NMAC, Physical Education; 6.29.10 NMAC, Science; 6.29.11 NMAC, Social Studies; effective June 30, 2009. 6.29.10 NMAC - Science, filed June 30, 2009 was repealed and replaced by 6.29.10 NMAC - New Mexico STEM-Ready Science Standards, effective July 1, 2018.