NM STEM Ready Science Standards

Companion Document

New Mexico Performance Expectations

Listed below are the six additional performance expectations. The framework for the six additional performance expectations is currently under review.

Grade 1

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.**

Grade 5

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.**

Middle School

MS-ESS3-3 NM. Describe the advantages and disadvantages associated with technologies related to local industries and energy production. [Clarification Statement: Examples can include examining environmental impacts such as water usage (such as the withdrawal of water from streams and aquifers or the construction of dams and levees), land usage (such as urban development, agriculture, or the removal of wetlands), and pollution (such as of the air, water, or land). Example of advantages can include local employment and economic stimulus.]

High School

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.** [Clarification Statement: Examples of human activities can include urbanization, building dams, and dissemination of invasive species.]

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.**

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.** [Clarification Statement: Examples could include, but are not limited to, Waste Isolation Pilot Plant (WIPP), mining, oil, gas production, solar energy, environmental remediation, urbanization, water scarcity, forest fires, or flash floods.]