

# Memorial Middle School Agricultural Extension and Education Center

Students learn about agriculture through hands-on experiences.



The Memorial Middle School Agricultural Extension and Education Center (MMSAEEC) helps prepare youth for careers in the sciences, including agriculture and natural resource sciences.

## About

The Memorial Middle School Agricultural Extension and Education Center (MMSAEEC) is a youth science center emphasizing participatory learning and direct experience education. Its mission is to develop a teaching and learning model of excellence for agriculture and natural resource sciences that complements in-class instruction by enhancing content through hands-on learning opportunities.

A partnership between the Cooperative Extension Service, the New Mexico Legislature and Las Vegas City Schools, the center was founded in 2005 through a special legislative appropriation and is administered through the College of Agricultural, Consumer and Environmental Sciences.

## Participatory Learning

Located on the Memorial Middle School campus in Las Vegas, N.M., MMSAEEC uses a traditional classroom setting, labs, a greenhouse, the campus landscape and educational sites in the diverse Rocky Mountains and Great Plains for teaching purposes.

Students and teachers have worked on numerous projects, including agricultural production systems; plant and soil relationships; analysis of photovoltaic and wind energy systems; water conservation, storage and reuse; and ecological monitoring. The center modifies the traditional Extension model and applies it to youth education in an innovative approach to youth development, serving all students in middle school grades

six through eight. The goal of this model is to help prepare young people for careers in the sciences, particularly minority students who are underrepresented in the sciences. The center is also involved in nonformal education relevant to local community agriculture and natural resource needs.

## Direct Experience Education

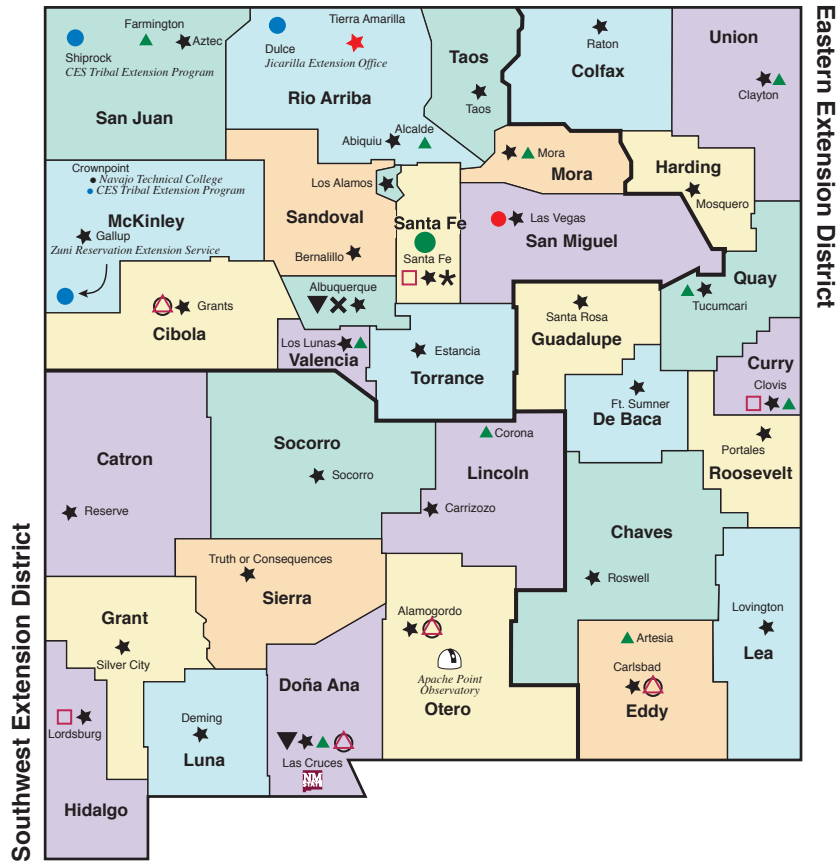
The center engages students in research and experiments pertaining to agriscience and natural resource sciences. It offers grade-specific curriculum covering topics such as the scientific method, agriscience and emerging issues in agriculture and natural resources. The center also provides support for teachers in the community and New Mexico through workshops and the development of educational curriculum, including lessons based on greenhouse projects.

Educational content is influenced by science, technology, engineering and mathematics (STEM) curriculum; 4-H science, engineering and technology (4-H SET) curriculum; and cross-curricular teaching opportunities with teachers through the core disciplines.

## Contact

For more information about the center, contact Memorial Middle School at (505) 454-5710 or visit <http://mmsasc.nmsu.edu>.

## Northern Extension District



### Facility Locations

- |  |  |
|--|--|
| ★ County Cooperative Extension Service Offices   | ✕ Admissions Office  |
| ★ Satellite County Office                        | ● Santa Fe Ranch Demonstration Site                                  |
| ● Tribal Cooperative Extension Service Offices   | NMSU NMSU Main Campus  |
| ▲ Agricultural Science and Research Centers      | 🔭 Apache Point Observatory   |
| □ Cooperative Extension Service District Offices | ▼ CES/New Mexico Works Program                                       |
| ★ University Government Affairs                  | ● Memorial Middle School Agricultural Extension and Education Center |
| ⊗ NMSU Community Colleges                        |  |

Cooperative Extension Service  
 College of Agricultural, Consumer and Environmental Sciences  
 MSC 3AE, PO Box 30003  
 Las Cruces, New Mexico 88003-8003  
 575-646-3015  
[extension.nmsu.edu](http://extension.nmsu.edu)



Live, Learn and Thrive.™

