

Appendix 1: New Mexico Math and STEM Support Organizations

| Organization/Agency | Main Focus of Work | |
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| 1 Cal Ripken Foundation | STEM Centers; curriculum; teacher professional learning. | 1 |
| 2 Cooperative Educational Services/American Alliance for Innovative Systems | 6-year project with 15 New Mexico districts to create cohorts of educators focused on math instruction; currently in year 2 of operation. | 2 |
| 3 Cooperative Educational Services/American Alliance for Innovative Systems | Offers school improvement technical expertise (SITE), which is school district level professional learning and support for Leading Educators (through) Alternative Pathways (LEAP), an alternative licensure pathway. | 3 |
| 4 Explora | Offers both in-school and out-of-school STEM programming, camps, and internships. | 4 |
| 5 Gear Up | Teacher professional development and student supports. | 5 |
| 6 LANL Foundation's Inquiry Science Education Consortium | STEM curriculum for students in grades kindergarten through grade 6 in northern New Mexico, teacher leader cadre, teacher training, STEM curriculum and science resource center, evaluation. | 6 |
| 7 Los Alamos National Laboratory; Math & Science Academy | Elementary mathematics specialists and professional learning for surrounding districts. | 7 |
| 8 Math Amigos | Santa Fe-based organization focused on supporting teachers and educators in math from pre-kindergarten through grade 9. Offers teacher workshops and programs, resources for families, and student interventions. | 8 |
| 9 Math Circles Collaborative of New Mexico | Offers learning for both teachers and students in mathematics in after school or weekend settings to offer math development and support organized around specific math challenges or problems. | 9 |
| 10 Mathematically Connected Communities (MC ²) | District level professional learning for student interventions and teacher support (known to be in use in schools in Aztec, Socorro, Gadsden, and Albuquerque). | 10 |
| 11 Mathematically Connected Communities (MC ²); Elementary Math and Science Specialists Program | Two-year program to develop Elementary Mathematics and Science Specialists (EMSS) in New Mexico school districts. Participants complete 34 credit hours and graduate with a Master of Arts in Education with a concentration in EMSS. | 11 |
| 12 Mathematically Connected Communities (MC ²); Micros Program | Kindergarten through grade 2 and grades 3-6 microcredentials through the Public Education Department; content professional learning for kindergarten through grade 2 and grades 3-5 teachers. | 12 |
| 13 Mathematically Connected Communities (MC ²); MOST Program | Professional learning based in an afterschool program with real students that provides both real time student intervention and teacher support; focuses on math recovery and Ready Math. | 13 |
| 14 New Mexico Computer Science Teachers Association | Offers a computer science community for educators including networking among such educators and related professional learning. | 14 |
| 15 New Mexico Mathematics, Engineering, and Science Achievement (MESA) Program | Pre-college program that prepares students for college and careers in mathematics, engineering, science, or technically related fields; designed for middle and high school students. | 15 |
| 16 New Mexico Out of School Time Network | Non-profit collaboration of public and private organizations to offer out-of-school extended learning programs, before and after school programs, summer learning, youth development, and academic | 16 |
| 17 New Mexico Science Teachers Association | Teacher professional development and learning conferences. | 17 |
| 18 New Mexico State University STEM Outreach Center | Out-of-school time programs for students in under-represented groups in rural and isolated areas; teacher professional learning and resources. | 18 |
| 19 New Mexico Tech STEM Education Center | Teacher education programs including formal undergraduate and graduate degrees, as well as alternative licensure with a focus on STEM knowledge. | 19 |
| 20 New Mexico Tech STEM Outreach | Offers STEM activities both on- and off-campus for secondary students in New Mexico; organizes a science and engineering fair, offers science olympiads, offers summer programs, and other STEM learning options for students. | 20 |
| 21 New Mexico's Established Program to Stimulate Competitive Research (NM EPSCoR) | Offers research symposiums, innovation working groups, workshops, and training related to STEM. | 21 |
| 22 Pathways2Careers | Math curriculum focused on careers; MC ² partners with the PED's College and Career Readiness Bureau to offer this; Geared toward high school students. | 22 |
| 23 Project ECHO | Offers teacher communities of practice related to subject areas including mathematics and science. | 23 |
| 24 STEM Santa Fe | STEM pathways and programs for students including a monthly program for girls in grades 5-8, summer STEM circles, and a mathematics festival. | 24 |
| 25 SuperComputing Challenge | Sponsored by the Los Alamos National Laboratory; Designed for middle and high school students to present results of year-long computing projects. | 25 |
| 26 University of New Mexico STEM-H Learning Center | General STEM professional development for teachers; Also offers STEM research challenges, science olympiad competitions, and a learning lab for teachers and students. | 26 |

Source: LESC Staff Compilation of MC² Data