

SUMMARY of 2020-2021 Statewide Events

This is the current plan, but it is subject to change based on statewide health guidelines.

Event: Statewide Professional Development

Region(s): All

Date/Time: October 1, December 1, February 1

Location: Zoom

Notes: \$50 Stipend/Training for 100 Advisors.

Description: Sessions to help MESA teachers navigate a different type of school year. Instead of in person singular training, we will be utilizing a virtual module training method to support our advisors (teachers) in their teaching practices, assistance with project-based learning, our yearly theme of “Designing for Equity”, and adapting their classroom and MESA program to a changing educational landscape. **Each module will be up to a full day of training, will be recorded for future viewing,** will provide opportunities for followup assistance, and will provide resources for continued learning. 25 teachers from the LANL support area will be supported along with up to 100 other teachers from across the state.

OCTOBER:

- State of MESA, Organizational Changes, and Year Plan, Results of Survey
- How to operate MESA in new school-scape
- Bringing “Hands On’ STEM to your virtual classroom (Explora)
- Other Topic (TBD on Survey)

DECEMBER:

- MESA Competitions and MESA Day Handbook Release
- Designing for Equity Training
- Possible National Training Included-MESA USA

FEBRUARY:

- Current State of MESA
- TBD-Based on Survey and Current Needs

Event: STEM Series and Virtual Learning

Region(s): All

Date/Time: Year Round-To Start Mid September 2020-April 2021. Target Dates on MESA Calendar.

Location: Zoom/Website

Notes: Done via Webinar.

Description: With the emerging need to supplement instruction virtually, MESA piloted their STEM Series in the Spring of 2020 in response to the emergency school site closures. Our STEM series brings professionals from across New Mexico and the country to interact with our MESA students, advisors, and general public. Sessions will be recorded for future use. Adjoining curriculum (3 Lessons) and materials will be provided with sessions to enhance the learning experience and assist our teachers with the adapted learning environment.

Event: MESA Buddies

Region(s): All

Date/Time: Year Round-To Start Spring 2021

Location: School Site/Virtual Platform

Notes: \$750 MESA advisor Stipend, \$250 EOY/Transport, \$500 Materials (Provided by MESA), 10 Lesson Curriculum. Applications to be distributed Mid-October, DUE December. Decision made by Program Coordinator with RC Input. Each region to have 1 site from State Budget, NO and NC an additional site, for a total of 10.

Description: MESA Buddies is a mentor program in which a MESA high school partners with a local elementary classroom (grades 2-4) to provide supplemental STEAM instruction and mentorship. A minimum of 10 STEAM lessons/interactions will be completed in the Spring of 2021. The MESA teacher will arrange for a team of high school students to work with the designated elementary students. Format will be determined by the current classroom restrictions and will either be done virtually in which material packs will be created and pre-distributed to each student for use in their own home or will be done in person and in small group interactions as determined by current social distancing restrictions. 4 sites from the LANL support area will be supported along with 4 other sites from across the state. Each site has the potential outreach impact of up to 40 students, 20 High School MESA students and 20 Elementary MESA Buddies.

Event: Virtual College and Career Pathways Experience

Region(s): All

Date/Time: November 9-13, Time TBD, Less Nov. 11 Holiday.

Location: Zoom

Notes: Done via Webinar. Program Coordinator to travel and collect base information. 200 College Packs will be created and mailed to attendees.

Description: This will be a week long virtual conference for High School students to select and participate in sessions via zoom. Traditionally our program provides and allows for multiple college visits through the year. With current contact restrictions and to provide equitable opportunity for all of our MESA students, we will convert this experience. Tracks will include sessions from Universities and College Prep Professionals with topics to include: Virtual Field Trip, University Services, What to Select in a University, FAFSA/Financial Aid, Standardized Tests, Admission with COVID, Adapting to a Changing Learning Environment and more. This experience has the potential outreach impact of up to 300 High School students and 25 teachers from the LANL support area along with over 1,900 High School students and 100 additional teachers from across the state.

Event: AMP Conference

Region(s): Statewide

Date/Time: October 9, 2020

Location: Virtual

Notes: NM MESA Students will be invited to participate in general sessions and student presentations. Registration to be done through MESA and conference monitored/set up by AMP. There is no current attendance limit, but registrants MUST attend. Open to current high school, but target is 11th-12th grade or mature underclassmen. Students will start with a MESA presentation at the start of the day, attend selected workshops, and submit virtual handbook upon completion. No cost involved in attendance.

Description: The New Mexico AMP conference is a student research conference which focuses on the following fields: technology, engineering, science and math. The conference promotes New Mexican college minority students to communicate their research via oral presentations, poster displays and is a competition for both undergraduate and graduate students. The event invites NM MESA junior and senior students to participate and interact in college level presentations. The conference also allows for MESA workshops and seminars students can attend.

Event: Energy & Education Fair-Change to Energy Education Program

Region(s): All

Date/Time: Spring-April and May. Application due March 2021

Location: Statewide

Notes: Interested schools can apply to attend the in-person event. Possible Sites: NM Tech, NMJC, San Juan College, Texas Tech, Industry Sites in Western NM or Artesia, Midland, Govt Offices in Santa Fe, Local Drill/Restoration Sites. Lodging Not Provided, but can possibly partner with Regional Funds for a Super Trip.

Event determinant on COVID and travel restrictions.

Description: The event is a rare opportunity for NM MESA students to interact with outstanding professionals in the oil and gas industry. Students are given the opportunity to discover job possibilities in the many different areas that are related to the energy industry and attend quality workshops, as well as visit industry sites. This event will be open to middle and high school students.

Event: Legislative Field Trip

Region(s): All

Date/Time: TBD. Session Runs From January 19-March 20. 7:45AM-2PM. Pizza Lunch will be provided. Extended time to actually see session/committees in action. Target Week of February 15-19.

Location: Santa Fe Capitol

Notes: Final date determined after November 2. All regions to also participate in Legislative Support Activities and require participation. Event determinant on COVID and travel restrictions.

Description: The Legislative Fieldtrip is a leadership event for representatives from each NM MESA region to visit the State Capitol and act as liaisons on behalf of NM MESA to Legislative Officials. All attending students are instructed to bring letters of support for NM MESA and are tasked with visiting their State Legislators. Upon request, students can be assigned to serve as pages for the House of Representatives or the State Senate. Other agenda items include a welcome on the House Floor by the Chief Clerk's office, speeches on behalf of NM MESA by our legislator and university supporters, and tours of the building.

Event: MESA Day

Region(s): All

Date/Time: Target Week of March 29-April 2. Held in tandem with MESA USA.

Location: Albuquerque Convention Center

Notes: Event will be planned to be in person, but may change to virtual. Competition planning meeting will be held in October to determine plan.

In Person: Format will be the same as MESA Day 2020 with new events. All schools invited to submit to attend. Small schools (39 under) are able to bring 1 team. Large Schools (40 over) are able to bring 2 teams. XL Schools (79+) can bring 3 Teams for MESA Day Track.

Transportation: Schools will be expected to buspool or use suburban transportation.

Lodging/Meals: No lodging provided for MESA Day participants. Lunch will be provided the day of MESA Day to competitors and Advisors.

Qualification to include:

- MESA Day Track: RC Inspection and registration Month Prior.

MESA Day Assignments and Chosen Topics

General MESA Day Theme: Designing for Equity

Event: MESA USA

Region(s): All

Date/Time: TBD. Held in tandem with MESA Day.

Location: AFRL-La Luz Academy

Notes: Event will be planned to be in person, but may change to virtual. Competition planning meeting will be held in October to determine plan.

Transportation: Same as MESA Day. Funds available for schools ONLY doing MESA USA.

Lodging/Meals: Lodging Included for MESA USA Teams as Follows: \$100 Stipend for up to 1 student room, 1 advisor room (more if additional teams and different gender), 1 driver room (per school).

1 meal will be provided to all MESA USA competitors and advisors.

Qualification to include:

- MESA USA Track: Submittal of Brief and RC inspection Month Prior.
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Event: Senior Incentive Field Trip

Region(s): All

Date/Time: TBD

Location: Miami, FL

Notes:

In October, MESA will regroup and determine one of the possible scenarios:

- **Keep trip as is and determine date**
- **Change trip to more ideal location**
- **Come up with alternative to Senior Trip**
 - **Senior Experience-Beefed up Conference to Plan for College**
 - **Top Seniors get Incentive Award**
 - **Other TBD**

In Person:

24 students. Application Deadline-Early December.

Description: The SIFT is an incentive field trip to NM MESA students. Students are selected based on performance and participation the NM MESA program from grade 6 to their senior year of high school. Students submit an application and it is graded based on a determined rubric by their Regional Coordinator and selections are made. Advisor selections are also made based on submitted applications. If to Miami, Agenda will follow SIFT 2020.