



Mathematics, Engineering, Science Achievement, Inc.

22nd Annual
"MESA DAY"

REVISED LOGISTICS GUIDE

April 17, 2010

West Mesa High School
Albuquerque, New Mexico



22nd Annual "MESA DAY" REVISED LOGISTICS GUIDE

WEST MESA HIGH SCHOOL, ALBUQUERQUE, NM

7:30 a.m. – 2:30 p.m.

April 17, 2010

This guide is meant to act as a supplement to the existing NM MESA Handbook. The date, location, and qualification procedures have changed for MESA Day so please review this document in entirety as this document contains the current information for all segments included in this guide. All other items NOT INCLUDED in this guide are kept the same as outlined in the NM MESA Day Handbook. The MESA Day Handbook will be edited to reflect all changes made.

QUALIFICATION: All teams will need to qualify at the Regional Design Competitions to be able to attend MESA Day. The only teams eligible to compete in MESA Day are the **top individual event winners per region-1st Place** (MS & HS). This means that only the teams that qualify can attend MESA Day to compete.

All teams not qualifying for MESA Day will be placed on a statewide wait list in each event category. Upon the completion of all Regional Designs, teams will be notified of any open positions and will be invited to MESA Day based upon their position on the wait list.

ELIGIBILITY REMINDER: The rosters that were used for your region design (printed the day before) will be the same rosters used for MESA Day. Only students on that roster are eligible to compete in MESA Day. Qualifying teams do not need to be comprised of the same members, but all members must be on roster.

AWARDS: (Middle and High School)

- Awards (TBD) will be given to the top individual event team (1st) in each category.
- Ribbons will be awarded to individual team members placing 1st – 3rd in each event.
- There will be no overall team awards given.
- There will be a certificate event template available through your Regional Coordinator after MESA Day to be given to all MESA Day Qualifiers if desired.

REGISTRATION REMINDER: **Pre-Registration IS REQUIRED** to participate in "MESA Day." The pre-registration procedure has changed. It is outlined on page 4, please review it carefully. Pre-Registration will need to be done electronically through either the NM MESA website (<http://nmmesa.org>; Advisor, Events & Registration Section). **ALL PRE-REGISTRATIONS WILL NEED TO BE COMPLETED BY MARCH 23, 2010 AT 5 PM. If pre-registration is not completed by the deadline, teams will NOT be allowed to compete.**

EVENT RESOURCES AND FREQUENTLY ASKED QUESTIONS REMINDER: The FAQ Document has been updated and reflects questions pertaining specifically to MESA Day. This document is used as a clarification for all events. It is the responsibility of the advisor to review this document in entirety and be aware of all procedures and requirements contained within.

SCHOOL BANNER: If a school wants to bring a school banner to display at MESA Day in an effort to promote school spirit, the banner must follow the following restrictions:

- Must be no larger than 2 ft. wide x 4 ft. long.
- (1) School banner will be allowed per school program.
- Must be able to be hung from gym railing and schools must provide their own string, etc. to hang.
- No unsportsmanlike images or slogans will be allowed and if banner is deemed inappropriate, it will not be allowed to be showcased.
- No damage or tampering with any other banner will be tolerated.
- No glitter, confetti, balloons, or banners with unsecured items will be allowed.
- Can be hand-made or machine produced. The goal is to allow school spirit.
- This event will NOT be judged, is voluntary, and is provided as a school spirit allowance.

CHECK IN: All schools must check in on April 17 at the designated tables in the Mustang Pavilion Lobby from 8:00 – 8:30 a.m. The registration form(s) on pages 5-6 will be collected upon check-in. *At this time, teams will need to submit their prepared designs to impound for their competitions.*

**AGENDA
WEST MESA HIGH SCHOOL**

TIME	EVENT	LOCATION
<i>All schools must arrive at WMHS no later than 8:30 a.m.</i>		
Saturday, April 17		
7:30 a.m.	Event Coordinators & ALL Judges Report	Teachers Lounge
8:00 – 8:45 a.m.	School Registration – ADVISORS ONLY Windmill Impound Robotics Impound Roller Coaster Impound	Mustang Pavilion Lobby Gym Gym Gym
9:00 a.m.	Welcome/Instructions	Mustang Pavilion
9:30 a.m.	Dismissed by Event to Event Sites	
9:45 – 10:45 a.m. SHIFT 1	HS On-Site Math HS On-Site Science HS On-Site Surprise MS Energy Wind Challenge MS Robotics MS Roller Coaster Blink Final Presentations	Classrooms TBA Classrooms TBA Classrooms TBA Gym Gym Gym Classroom TBA
11:00 a.m. – 12:00 p.m. SHIFT 2	MS On-Site Math MS On-Site Science MS On-Site Surprise HS Energy Wind Challenge HS Robotics HS Roller Coaster	Classrooms TBA Classrooms TBA Classrooms TBA Gym Gym Gym
11:00 a.m. – 1:00 p.m.	Student/Advisor Lunch	Cafeteria
10:00 – 1:00 p.m.	Downtime Activities	Auxiliary Gym, Courtyard, Mustang Pavilion
1:15 p.m.	Report to General Session	Mustang Pavilion
1:30 p.m.	Awards Ceremony	Mustang Pavilion
2:30 p.m.	Depart for Home	



**22nd Annual NM 'MESA Day'
April 17, 2010**

PRE-REGISTRATION INSTRUCTIONS

Deadline: March 23, 2010

ALL INFORMATION WILL BE COLLECTED ONLINE AT:

<http://nmmesa.org>; Advisors, Events & Registration

Form will no longer be collected in hard copy, but the following information will be needed to complete on-line registration:

School: _____ [] HS [] MS Region: _____

Advisor Contact Name	Phone	E-Mail Address

You are reminded that only qualifying teams are eligible to participate in MESA Day. Qualifying teams include the top individual event winner per region (MS & HS) and any other teams invited from the Statewide Wait List. Events are designed for an event team of 2-4 students. In addition, the following applies:

1 st qualifying team (individual events)	Team A
2 nd qualifying teams (individual events)	Teams A & B

Total number of students expected to attend: _____ Advisors: _____

NOTE: Arrangements will only be made for competing students and 1 advisor per school. If schools are bringing multiple teams, additional advisors may be approved.

Does your school require any bilingual judges? Y or N ; If yes, event(s): _____

Will your school bring your lunches (not purchasing from WMHS)? Y or N

IMPORTANT NOTES:

- 1.) All teams will be required to ride on the Regional Bus Provided (See Transportation Section).
- 2.) If your school is requesting transportation funds to get from your school site to the pickup location, the B-4 Fieldtrip Application Information will also be collected electronically via the registration process.
- 3.) If you choose to provide your own transportation (at no cost to MESA) and come individually that is allowed, but you will need to indicate that on your registration.
- 4.) Lodging will be provided at a minimal fee for schools traveling more than (2) hours. Registration will collect all lodging information (See Lodging Section).
- 5.) Abstracts will be collected electronically via Registration. Abstracts are part of the scoring for all prepared events per event parameters. Please see FAQ document/Handbook for details on upload/submittal. Teams can use same abstract or can modify. A different panel of judges will be grading.

Bring to event. Do not submit in advance.

HIGH SCHOOL REGISTRATION FORM
22nd Annual NM MESA Day
April 17, 2010

Team: A B C D
(Circle)

School Name: _____ HS Region: _____ Total Number of Students for School Team _____

Advisor/Chaperone Name(s)	Cell Phone Number(s)	Advisor/Chaperone Name(s)	Cell Phone Number(s)

You are reminded that only qualifying teams are eligible to participate in MESA Day. Qualifying teams include the top overall top individual event winner per region (MS & HS). Events are designed for an event team of 2-4 students. A student can be in more than one event, but must remain on the same team (A, B, C, D). In addition the following applies:

1 st qualifying teams (individual events)	Team A
2 nd qualifying teams (individual events)	Teams A & B
3 rd qualifying teams (individual events)	Teams A, B, & C
4 th qualifying teams (individual events)	Teams A, B, C, & D

HIGH SCHOOL SHIFT 1: 9:45 AM-10:45 AM

HIGH SCHOOL ON-SITE MATH	HIGH SCHOOL ON-SITE SCIENCE	HIGH SCHOOL ON-SITE SURPRISE

HIGH SCHOOL SHIFT 2: 11:00 AM-12:00 PM

HIGH SCHOOL WIND ENERGY CHALLENGE	HIGH SCHOOL LEGO ROBOTICS	HIGH SCHOOL ROLLER COASTER

NOTE: Registered students will be verified by the rosters that were printed the day prior to each Regional Design; only students listed on those rosters with their A-1's submitted to their RC's in advance are eligible to compete.

Bring to event. Do not submit in advance.

MIDDLE SCHOOL REGISTRATION FORM
22nd Annual NM MESA Day
April 17, 2010

Team: A B C D
(Circle)

School Name: _____ MS Region: _____ Total Number of Students for School Team _____

Advisor/Chaperone Name(s)	Cell Phone Number(s)	Advisor/Chaperone Name(s)	Cell Phone Number(s)

You are reminded that only qualifying teams are eligible to participate in MESA Day. Qualifying teams include the top overall top individual event winner per region (MS & HS). Events are designed for an event team of 2-4 students. A student can be in more than one event, but must remain on the same team (A, B, C, D). In addition the following applies:

1 st qualifying teams (individual events)	Team A
2 nd qualifying teams (individual events)	Teams A & B
3 rd qualifying teams (individual events)	Teams A, B, & C
4 th qualifying teams (individual events)	Teams A, B, C, & D

MIDDLE SCHOOL SHIFT 1: 9:45 AM-10:45 AM

MIDDLE SCHOOL WIND ENERGY CHALLENGE	MIDDLE SCHOOL LEGO ROBOTICS	MIDDLE SCHOOL ROLLER COASTER

MIDDLE SCHOOL SHIFT 2: 11:00 AM-12:00 PM

MIDDLE SCHOOL ON-SITE MATH	MIDDLE SCHOOL ON-SITE SCIENCE	MIDDLE SCHOOL ON-SITE SURPRISE

NOTE: Registered students will be verified by the rosters that were printed the day prior to each Regional Design; only students listed on those rosters with their A-1's submitted to their RC's in advance are eligible to compete.

LODGING: Lodging (as needed and approved) for distant schools traveling more than (2) hours to the State Competition will be provided. Lodging fees will be \$15/competing student, and free for approved advisors in a shared room (max of 3 will be approved per school determinant on number of teams attending). Any approved advisor requesting a private room will be provided one at a cost of \$40/advisor. Lodging is only provided for competing students and registered team advisors. All fees collected are non-refundable. Changes can only be made after the deadline if replacement students are of the same gender. ***All lodging fees are due to the NM MESA Office NO LATER than March 26, 2010. Make all payments (PO, Check, or Money Order ONLY) payable to NM MESA:***

NM MESA, Inc.
2808 Central Ave. SE; Ste. #124
Albuquerque, NM 87106
FAX: 505-366-2529 (for PO's)

Accommodations will be made at the following hotel:

MCM Elegante Hotel – 2020 Menaul NE; (505) 884-2511

If any parents or additional guests (advisors, etc.) would like to attend, they are responsible for making their own reservation and are responsible for all costs incurred. They are not required to stay at the same hotel.

TRANSPORTATION: NM MESA will pay for and provide transportation to and from MESA Day on Regional Routes as established below. Exact times, type of bus, pick up spots, etc. will be determined after final numbers are submitted from registered teams. Accommodations will be made to fit luggage (as expected) and prepared devices. Programs needing transportation to get to pick up location will need to submit a request (B-4) DURING the registration process. **DO NOT SUBMIT** any additional paperwork. Everything will be collected electronically via the registration process. If you have any additional requests there will a section in the registration for that.

All busses and cars are to park in the designated areas in the Student Parking Lot off of Glenrio. If busses are just dropping off, there is a bus lane as indicated in the Campus Map off of Fortuna.

TRANSPORTATION ROUTES:

- ROUTE 1: All travel the day of competition.
 - Las Vegas, Romeroville, Albuquerque via I-25 South.
- ROUTE 2: Travel afternoon/evening before and back the day of competition.
 - Las Cruces, Hatch, Albuquerque via I-25 North
- ROUTE 3: All travel the day of competition.
 - Albuquerque City Schools
- ROUTE 4: All travel the day of competition.
 - Socorro, Belen, Albuquerque via I-25 North
- ROUTE 5: All travel the day of competition.
 - Espanola, Santa Fe, Albuquerque via I-25 North
- ROUTE 6: Travel afternoon/evening before and back the day of competition.
 - Bloomfield, Albuquerque via US-550
- ROUTE 7: All travel the day of competition.
 - Grants, Gallup, Laguna Acoma, Albuquerque via I-40 East
- ROUTE 8: Travel afternoon/evening before and back the day of competition.
 - Carlsbad, Roswell, Vaughn, Albuquerque via US-285 and I-40 West

DIRECTIONS TO WEST MESA HIGH SCHOOL:

To Bus Drop Off: From I-40 go South on Coors Blvd. Take a right (West) on Fortuna and proceed straight. After bus drop off, there is a bus lane to get you to Glenrio.

To Bus/Car Parking: From I-40 go South on Coors Blvd. Take a right (West) on Glenrio and proceed straight.

LUNCH: Lunch is not provided. Students are NOT to leave WMHS unless you are leaving for the day with your group. The West Mesa High School MESA program will make accommodations for meal packs from Subway (or comparable venue, approximately \$8/meal) as requested. They will order only the amount requested and guaranteed. Once total amount has been collected, a final price will be established and menu information will be distributed to the requesting schools. A small snack bar will also be available with general items.

If you do not want meals provided you are welcome to bring your own lunches and/or make your own accommodations granted you pick up all trash and handle all arrangements.

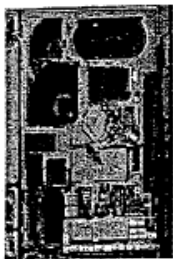
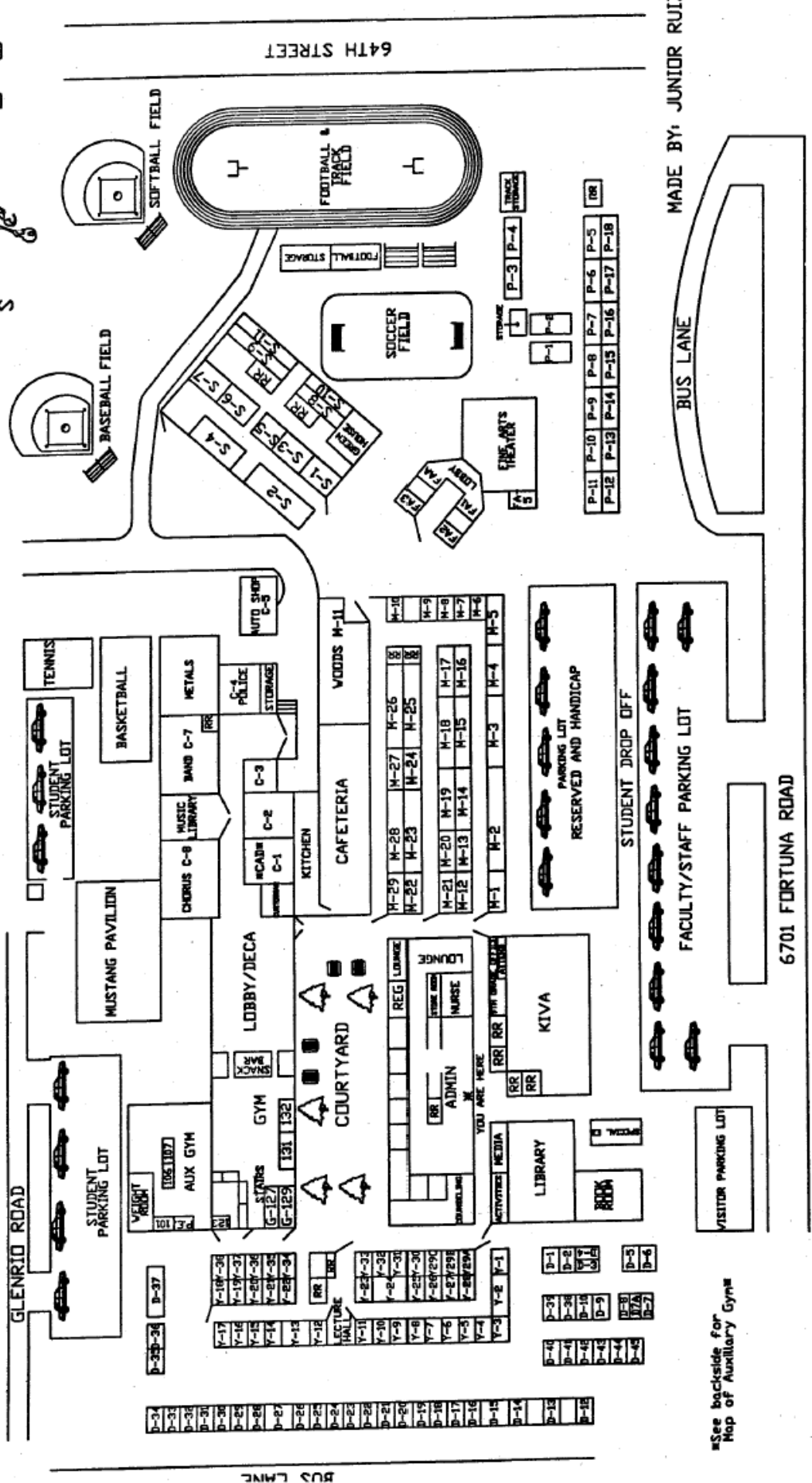
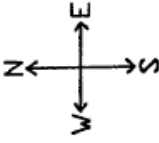


IMAGE OF SCHOOL MAPS BY: GOOGLE EARTH



WEST MESA HIGH SCHOOL
6701 FORTUNA RD. NW, ALBUQUERQUE, NM, 87121
PHONE: (505) 831-6993



*See backside for Map of Auxiliary Gyms

MADE BY: JUNIOR RUIZ

BUS LANE

64TH STREET

BUS LANE

6701 FORTUNA ROAD

- D-34 D-37
- D-31 D-36
- D-30 D-35
- D-29 D-34
- D-28 D-33
- D-27 D-32
- D-26 D-31
- D-25 D-30
- D-24 D-29
- D-23 D-28
- D-22 D-27
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- D-18 D-23
- D-17 D-22
- D-16 D-21
- D-15 D-20
- D-14 D-19
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- D-12 D-17
- D-11 D-16
- D-10 D-15
- D-9 D-14
- D-8 D-13
- D-7 D-12
- D-6 D-11
- D-5 D-10
- D-4 D-9
- D-3 D-8
- D-2 D-7
- D-1 D-6

- P-11 P-10 P-9 P-8 P-7 P-6 P-5
- P-12 P-13 P-14 P-15 P-16 P-17 P-18

- P-3 P-4

- P-1 P-2

- P-1 P-2 P-3 P-4 P-5

- M-29 M-28 M-27 M-26 M-25 M-24 M-23 M-22 M-21 M-20 M-19 M-18 M-17 M-16 M-15 M-14 M-13 M-12 M-11 M-10 M-9 M-8 M-7 M-6

- M-1 M-2 M-3 M-4 M-5

- S-1 S-2 S-3 S-4 S-5 S-6 S-7 S-8 S-9 S-10 S-11 S-12 S-13 S-14 S-15 S-16 S-17 S-18 S-19 S-20 S-21 S-22 S-23 S-24 S-25 S-26 S-27 S-28 S-29 S-30 S-31 S-32 S-33 S-34 S-35 S-36 S-37 S-38 S-39 S-40 S-41 S-42 S-43 S-44 S-45 S-46 S-47 S-48 S-49 S-50 S-51 S-52 S-53 S-54 S-55 S-56 S-57 S-58 S-59 S-60 S-61 S-62 S-63 S-64 S-65 S-66 S-67 S-68 S-69 S-70 S-71 S-72 S-73 S-74 S-75 S-76 S-77 S-78 S-79 S-80 S-81 S-82 S-83 S-84 S-85 S-86 S-87 S-88 S-89 S-90 S-91 S-92 S-93 S-94 S-95 S-96 S-97 S-98 S-99 S-100

FOOTBALL STORAGE

SOCCER FIELD

FOOTBALL TRACK FIELD

SOFTBALL FIELD

BASEBALL FIELD

TENNIS

BASKETBALL

METALS

POLICE

STORAGE

WOODS M-11

CAFETERIA

KITCHEN

VOODS M-11

CAFETERIA

WOODS M-11

CAFETERIA

WOODS M-11

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