



New Mexico Mathematics, Engineering, Science Achievement, Inc.

36th Annual MESA Day



PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

Life on Land

**April 30, 2024
Albuquerque Convention Center
Albuquerque, New Mexico**

Official Handbook



36th Annual MESA Day Handbook

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MESA DAY GENERAL INFORMATION

The NM MESA, Inc., Annual Statewide Math and Science “MESA DAY” is designed to encourage the concept of problem solving through teamwork. It salutes NM MESA students for their commitment to academic excellence and reinforces the NM MESA mission of preparing students from historically underrepresented ethnic groups for college majors and careers in math, engineering, and science. In keeping with our mission, advisors are encouraged to assemble teams that are representative of the ethnic and gender diversity of their school and MESA enrollment.

COMPETITION OVERVIEW: All of our events will address the topic of “Life on Land” as one of the United Nations’ Sustainable Development Goals (Goal #15). NM MESA schools are invited to participate in our MESA Day as follows:

- On Site Team Competition-MESA Mayhem
- On Site Mini Competition-Heal Our River
- On Site Mini Competition-Renewable Agriculture and Sustainable Building
- Prepared Design-Crane Forest Rescue

ALL TEAMS: The MESA Day competition will run like a MESA Medley. Each team will be composed of 3-6 students. If schools have multiple teams, full team(s) of (6) members must be created and all events filled before building an additional team. *Example:* Team 1 must be complete with 6 students and a Prepared Design submission before adding a Team 2. Team 2 can then be partially complete.

All team members will work together on the Prepared Design event and the On Site Team Competition. However, the team will break, and students will compete in individual groups of 1-3 team members for each On Site Mini Competition. If a team has less than (6) members, they can only compete in the number of events they have team members for. Team names **MUST** be declared as follows: (School) (Level) – (Team #). *Example: Mesaville High School – Team #1*

Each school is allowed to have (6) named alternates that can be used on any team. In addition, the day of MESA Day, teams may be condensed if needed to complete teams. *Example: Students can be moved from Team 4 to Team 2 in the event of no shows.* It is **HIGHLY** suggested to identify alternates in the event a student(s) cannot attend the event.

ELIGIBILITY: All participating teams must come from official New Mexico MESA School Programs. Schools must be considered official, and advisors must enter/submit all A-0 forms by **5 PM MST, Tuesday, April 9, 2024**. Only the students listed on the school roster (have their A-0 submitted) will be eligible to participate. **NO EXCEPTIONS!**

Of Special Note to Middle/Junior High Schools serving 9th grade students – Each middle/junior high school that includes a 9th grade class is allowed to have an event team with a maximum of 50% 9th grade students. These teams will compete in the Middle School division **only**. **No** 100% 9th grade teams will be allowed in middle school competition.

ATTENDANCE AND QUALIFICATION: All schools will be allowed to participate in MESA Day as follows. Please use the table to determine the number of teams your school can bring.

MESA Day Competition	
Extra Small School: <=15 profiles	Max number of teams=1
Small School: >=16 and <=25 profiles	Max number of teams=2
Medium School: >=26 and <=45 profiles	Max number of teams=3
Large School: >=46 and <=69 profiles	Max number of teams=5
Extra Large School: >=70 profiles	Max number of teams=7

PLAGIARISM AND ADVISOR POLICY:

Academic honesty and personal integrity are essential to ensure future success as college students and STEM Professionals. As such, NM MESA expects that the work will be solely the work of the students. If the work or ideas of another are used to further students’ work, then proper credit must be given to the owner. Failure to do so will result in an act of Plagiarism. If it is determined that a student committed plagiarism, they will be disqualified from the competition and will be ineligible to receive any awards. They may also risk further sanctions from NM MESA.

Due to the nature of some events, the event will be done with the trust that all students will abide by this policy. The prepared design event should be completed by the entire student team and be the original work of the students.

Advisors (or non-competitors) are NOT allowed in any competition unless there is a designated viewing space (Prepared Design). All advisors are expected to assist their teams with meeting deadlines, register their teams, assist their students to ensure they are where they need to be, etc. Any complaints and/or appeals need to be addressed by the students to the Event Coordinator during the event.

COVID POLICY: All events are expected to be completed in person (besides the Prepared Design). If an individual student cannot attend due to a quarantine requirement, a named alternate may take their place. If an entire team is unable to attend due to school closure or quarantine, then the program will not be able to compete in the on-site events and a makeup will not be arranged.

This event will follow current CDC guidelines which could include wearing masks indoors, recommended distancing, required sanitation, etc. More information will come on the exact requirements closer to the event. NM MESA also reserves the right to modify this event as needed to meet current requirements.

SCORING SUMMARY: Final team rankings will be based on the total score, which is derived by adding all of the component scores. *NOTE: Results are not final until overall results are reported.*

On Site Team Competition-MESA Mayhem	150 points
On Site Mini Competition-Heal Our River	100 points
On Site Mini Competition-Renewable Ag and Sustainable Building	100 points
Prepared Design-Trebuchet Throwback	150 points
TOTAL	500 points

AWARDS: (Middle and High School)

Overall Teams: Placing 1st-3rd Overall

- Trophies will be awarded to the top 3 overall teams (1st-3th Place).
- Awards will be presented to individual team members placing 1st – 3rd Place overall.
 - 1st Place-\$100 Gift Card
 - 2nd Place-\$75 Gift Card
 - 3rd Place-\$50 Gift Card
- Awards will be presented to the top team in each individual event (1st Place).
- Additional awards may be provided.

At the conclusion of the event, an awards form will be collected from each student electronically that has won an award. It is **HIGHLY** suggested that students use a non-school email for gift card receipt as many school domains reject outside emails. *Awards will not be issued to any student that does not submit the required award form by the given deadline and awards will not be re-issued due to failure to receive them (by using an email that is incorrect or that does not accept the award).*

IMPORTANT: Awards will not be presented at the live MESA Day Competition. To ensure accuracy and to accommodate all traveling schools, final scoring will occur upon the conclusion of the event and a live virtual announcement will be done at 4:00 PM on May 1, 2024.

DISQUALIFICATION: Individual event teams can be disqualified for the following:

- Any team member not having an A0 on record
- Anyone else completing or helping with task that is not the registered student
- Prohibited advisor, parent, or other “outside” assistance in events
- Lead judge disqualifies an event team for not following event guidelines
- Unauthorized use of cell phones during event(s) to include phone calls, internet, and/or texts
- An event team is found to have violated event guidelines after competition has concluded
- General inappropriate behavior at any time during the competition
- If after competition is concluded, it is found that any team violated rules or requirements for any event, they may be disqualified from competition and will forfeit any qualification or placement spots they may have earned.

ADDENDUMS AND EVENT RESOURCES: There are several addendums and resources which will be useful in preparing for MESA Day. All addendums will be available on the NM MESA-MESA Day Event Website. These include:

- Any Final Logistical Information
- Event Resources and Helpful Preparation Information
- MESA Day Frequently Asked Questions (FAQ)
 - Will be changed throughout year as questions arise

It is the responsibility of the school program to periodically check for resources and updates. Before competition date, it is STRONGLY encouraged as the FAQ section will contain any clarifications

and/or addendums to the event handbook and these will be followed at competition. The FAQ document is an official MESA Day Document and is the official addendum to this handbook.

TRAVEL LOGISTICS:

Food: Lunch will be provided to competing students and official school advisor(s). Students are NOT to leave the Albuquerque Convention Center Area. The Convention Center will have adequate vendor set ups that will have general breakfast, snack, and lunch concession items. Due to Convention Center Regulations, NO OUTSIDE FOOD may be eaten inside of the Convention Center.

*Note: As a courtesy, they have allowed us to keep food in the ACC (coolers, bags, boxes, etc.), **BUT** you must not eat outside food within ANY area of the Albuquerque Convention Center. There are to be no unattended students leaving the inside of the Convention Center and no students are to be left alone inside if your group splits.*

Lodging: Lodging will not be provided for participants in the MESA Day Event.

Transportation: Transportation will be provided according to the current NM MESA Transportation Policy and reasonable bus-pooling will be expected with other schools from their district and/or area schools. If a school district has specific requirements that NM MESA is unable to accommodate, they will be responsible for financial assistance with transportation. Smaller vehicles and/or suburban use is recommended for smaller teams.

Closer to the event, final instructions will be provided for bus loading/unloading and vehicle parking for school vehicles transporting students.

GENERAL NOTES: Students should be instructed to demonstrate good sportsmanship and will be held accountable for any misbehavior.

Cell Phone usage –Advisors are asked to follow and remind their students about appropriate cell phone protocol. Judges will repeat this cell phone usage reminder at the beginning of each competition and will relay what is allowed and not allowed. Failure to comply may lead to disqualification.

MESA DAY REGISTRATION: This is required for any team wanting to attend MESA Day. All registration and submittal of materials will be done via the Cvent System with a direct link on the MESA Day Event Page on the NM MESA Website. **ALL REGISTRATION WILL NEED TO BE SUBMITTED ELECTRONICALLY BY TUESDAY, APRIL 9, 2024 at 5PM.**

Closer to the event, advisors will be sent a final spreadsheet of registered attendees. The morning of the event, advisors will be asked to submit any modifications during event check in.

There is not a registration form collected in hard copy, but the following information will be needed to complete on-line registration. (1) Registration will be done per school and will collect all needed information for MESA Day participation.

Information You Will Need Per School Registration:

- How many teams you are bringing (and eligible for)
- Unique Email Address
- School Name, Level (HS or MS), Region
- Advisor Information and Contact information (phone, email, mailing address)

- Student Names and Assigned Event
- Up to (6) Alternates Per School
- Transportation Information (In Lieu of a B4)
 - Vendor Name, Email, Address
 - Amount of Transportation
- Any specific team requests and/or information

Regional Coordinator Inspection:

- By the Registration Deadline, RC’s will meet with each school (virtual or in person) and evaluate their prepared design(s) and team(s) readiness.
- Regional Coordinators will work with school teams to determine transportation once they are approved to attend. Final transportation request will be submitted at registration.
- Minimum requirement will need to be met for each team and will determine eligible teams for MESA Day.

**INSPECTION LIST FOR PREPARED DESIGN:
THE DEVICE IS...**

	YES	NO
A crane that utilizes at least (1) lever system and (1) pulley system	<input type="checkbox"/>	<input type="checkbox"/>
Solely powered by mechanical energy	<input type="checkbox"/>	<input type="checkbox"/>
Able to be operated from the Operator Cab Area	<input type="checkbox"/>	<input type="checkbox"/>
An original creation and no kits/pre-made parts are used in the boom, tower, or jib	<input type="checkbox"/>	<input type="checkbox"/>
Does not exceed 5’ tall and the base/body does not exceed 24” x 30”	<input type="checkbox"/>	<input type="checkbox"/>
Connection point does not measure higher 6” from the table surface	<input type="checkbox"/>	<input type="checkbox"/>
Weight is able to attach/detach and be counterbalanced: 200g (HS) and 100g (MS)	<input type="checkbox"/>	<input type="checkbox"/>



MESA DAY COMPETITION GENERAL AGENDA
Tuesday, April 30, 2024 – Middle and High School
Albuquerque Convention Center

TIME	Description	Location
7:00 AM	MESA Staff Report	<i>PC Room TBD</i>
7:30 AM-8:45 AM	School Check in and Arrival Prepared Design Drop Off	<i>East Lobby Hall 3</i>
8:00 AM	Judges Report for Event Orientation	<i>PC Room TBD</i>
9:00 AM	Welcome Instructions and Opening Ceremony	<i>Hall 3</i>
9:30 AM-12:30 PM	High School: Prepared Design Inspection and Performance Judging	<i>Hall 3</i>
9:30 AM-11:20 AM	Middle School: On Site Team Competition-MESA Mayhem	<i>Hall 4</i>
11:30 AM-12:30 PM	Middle School: On Site Mini Competitions	<i>See Locations</i>
11:30 AM-2:30 PM	Lunch and Activities	<i>Students-Hall 3 Judges-TBD</i>
1:30 PM-4:30 PM	Middle School: Prepared Design Inspection and Performance Judging	<i>Hall 3</i>
1:30 PM-3:20 PM	High School: On Site Team Competition-MESA Mayhem	<i>Hall 4</i>
3:30 PM-4:30 PM	High School: On Site Mini Competitions	<i>See Locations</i>
4:30 PM	Event Dismissal (or when done with events) <i>Event Locations</i> Prepared Design-Crane Forest Rescue On Site Team Competition-MESA Mayhem On Site Mini Competition-Heal Our River On Site Mini Competition-TBD	<i>Hall 3 Hall 4 Ballroom A/B Ballroom C</i>
Wednesday, May 1, 2024		
4:00 PM	Awards Ceremony: All Participants Log In as Desired	<i>Zoom</i>

MESA Day Event Information:

For On Site Events: Additional information for all on site challenges will NOT be provided in advance, beyond what is below. Also note, Mini Competitions are allowed for 1-3 students, but are optimal with 2-3 students.

For Prepared Design: Teams will be inspected at the registration deadline and will need to bring their device the day of competition.

On Site Team Competition (All Team)

MESA Mayhem

This full team challenge course will involve a variety of skill sets and cooperation; a good attitude is required. Teams will experience a speed challenge, a logistical learning obstacle course and other engaging activities to work towards completion and points. Multiple spirited STEAM challenges will be highlighted throughout this event!

On Site Mini Competition (1-3 Team Members)

Heal Our River

The United Nations has set 17 goals for a more sustainable world. In New Mexico our rivers are our lifelines as derived from Mountain ecosystems. But, due to overconsumption, fires, environmental degradation, and overuse of the lands surrounding our rivers many of them are sick and in need of some healing. Teams will work together over the course of an hour to heal a sick river. Students should be ready to read, create, design, and record their ideas in this challenge to take a New Mexico River on a path of recovery.

On Site Mini Competition (1-3 Team Members)

Renewable Agriculture and Sustainable Building

In Goal 15 of the Global Goals of the United Nations, we are tasked to “end deforestation and restore degraded forests”. Humans throughout our history have found creative ways to produce materials and build our lives...and until recently, without needing to deplete finite resources. From traditional practices to modern innovation, it is possible for agriculture and building to exist without resulting in the destruction of the earth’s forests. Teams will work together over the course of an hour to meet a surprise challenge relating to renewable agriculture and sustainable building.

Prepared Design

Crane Forest Rescue

Each year wildland firefighters rise to the challenge of protecting life, property, natural, and cultural resources. Sustainable forest management is about stewardship and care. It’s a practice that creates a mutually supportive relationship between nature and people including the conservation of biological diversity and ecosystems.

Objective

For this challenge, student teams will build (1) crane, meeting the criteria outlined in the rules. The crane will work to assist in populating new forest growth that forest animals have been unable to inhabit due to a recent wildfire and a large ravine that has made it unsafe for animals to cross. Teams will attempt to deliver up to (6) animals into (2) unloading areas in the shortest amount of time (seconds).

Materials

Hazardous materials may not be used in the construction or operation of the device. No kits/entire pre-made devices will be allowed. The major parts of the crane: boom, tower/mast, and jib; must be constructed from recyclable materials. These materials can include (but are not limited to) cardboard, wood, PVC, plastic, and metal. Other parts of the crane can be pre-made including the counterweight, load container, hook, cogs, pulley parts, string, etc.

Teams should consider travel constraints when building their devices to be able to transport as needed.

Rules

General

1. Teams (3-6 students) must design, build, and operate their own crane. Teams may select which type of crane to build.
2. (3) students are needed to participate in each trial: the operator, loader, unloader. Other students may not assist during the trial. All students can assist with readying the device/repairs and student roles may switch between trials.
3. Device must be an original creation of each team and if schools have multiple teams, the devices must have variations from each other as determined by each team to be considered unique.
4. The device must be solely powered by mechanical energy and must include at least (1) lever system and (1) pulley system. No remote control or automated operation is allowed.
5. The device may not exceed the maximum dimensions of 5' tall and the base and body of the crane must fit within the 24" x 30" start area. The only allowable part to exceed the start area is the crane arm (boom/jib).
6. Operation, construction, materials, and task rules must be met.
7. Device must include School Name and Team number. Example: "Jefferson High School, Team #1"
8. Once performance competition begins, student teams may not have contact with non-competitors. Student teams are solely responsible for interaction with judges and addressing problems with devices.
9. Sample parts of a crane (there are other types of cranes that can be used):

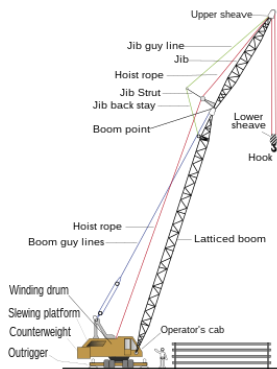


Figure 1:
https://en.wikipedia.org/wiki/Crane_%28machine%29

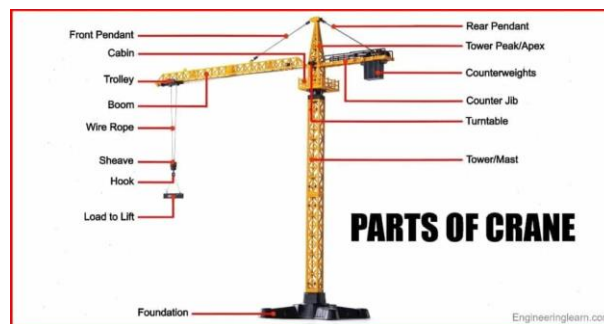


Figure 2: <https://engineeringlearn.com/parts-of-crane/>

Construction and Repair

10. All devices are required to support a provided detachable weight in addition to the desired load container from the hook part of the device.
 - a. Middle School teams will use a 100g hook weight and High School teams will use a 200g hook weight. The detachable weight will be provided at the competition and must remain unaffixed. (See appendix of materials)
 - b. The desired load container may be affixed to the hook as desired.
11. The “load container” is defined as the container that will hold/transport the animals. The load container must have the ability to make contact with the table surface to simulate touching the ground so an animal may be loaded/unloaded.
12. The device must use the same parts for all trials. Altering the arrangement of parts is allowed between trials.
13. Repairs are only allowed between trials using replacement parts and materials only. All repairs must be done under supervision of a judge within the allotted time. The addition of new or alternate parts is NOT allowed.
14. (1) Bag is allowed to be impounded with device that can contain all needed items for repair as desired. Teams may not share bags and only the items impounded are allowable for use.
15. Students must operate their device in a safe manner. The device must be sturdy enough as to not pose a danger to students, officials, or spectators during operation, as determined by the judges.

Inspection, Impound and Operation

16. Devices will be impounded during registration. Impound includes submitting your device and all repair materials. Device/materials will not be accessible until the team is called.
17. All repair materials to be used during the competition must be impounded with the device.
18. Once a team is called, they will proceed through practice (on deck), inspection, and testing. Once done with testing, they are to return their device to impound and pick up at the end of the event.
19. Once on deck, teams will retrieve their impounded device and are allowed practice trials as desired within allotted time: 5 Minutes.
20. Device inspection will take place prior to team testing. Inspection will include a demonstration of device operation to the judges, needed measurement verifications, and the placement of the given weight.
21. Devices must be in testing condition prior to device inspection. If devices are disqualified during inspection check, design changes will not be allowed. Only devices passing inspection will be allowed to participate in the performance tasks.
22. The trial order for performance events will be randomly selected and each team/device must be ready for competition when called.
23. Teams will have up to 2 minutes to ready/repair their device between Trial 1 and Trial 2.
24. The team member responsible for operation will indicate to the judge that the device is in the “Ready” position.
25. Students must wait until the judge gives the “Start” order. If the device moves prior to this or the device is unable to function after the “Start”, a “Mistrial” will be declared by the judges.
26. Any “Mistrial” will result in a zero score for that trial.
27. The designated student operator (1) must remain in the operator cab student area. Hands/operation may not exceed past the operator cab and start zone. Operation includes managing any levers, pulleys, cranks, release systems, or other items to activate/stop the motion of the crane. The operator is not allowed to manipulate the device itself.
28. Students may not touch or interfere with the device once it has started in operation. The only exception is during the process of loading/unloading the animal cargo. During this time, only the animals and the load container may be touched.
29. If during operation a device is found to violate rules those trials will be disqualified.

Animals/Cargo Load

(16) Animals of varying sizes will be available. Students will decide which animal(s) to transport. Dimensions are provided. Weights will be provided in the FAQ document.

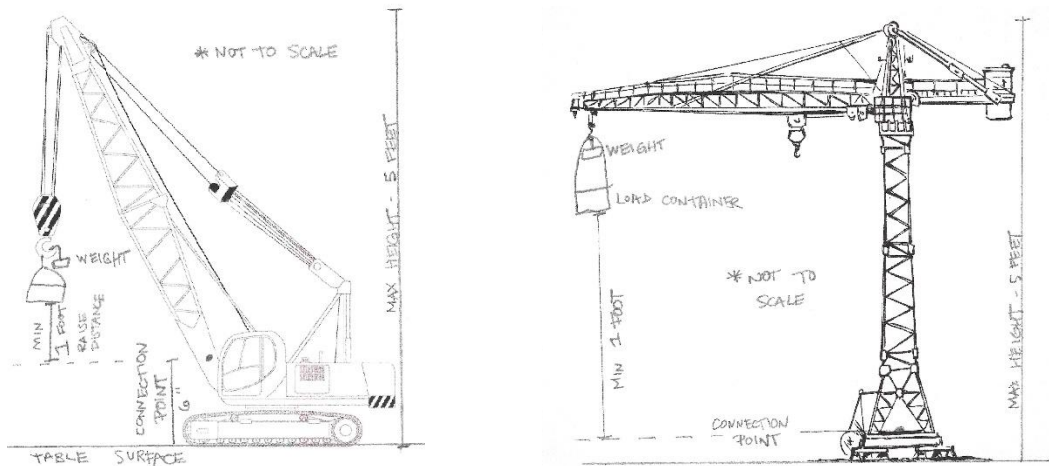


Figures 5-8: Animal Choices and Dimensions for Cargo Load

Tasks and Measurements

30. (2) trials will be given to deliver animals from a designated loading area to the designated delivery area. The trial with the best score will be counted.
 - a. Middle School teams will be allowed 180 seconds (3 minutes) per trial and High School teams will be allowed 150 seconds (2.5 minutes) per trial.
31. The device must start in a neutral position with the boom perpendicular to the operator and the load container in contact with the table surface. In the event, the boom/jib extends beyond the start zone/table. The load container must hang and start in a position that is even with the table surface.
32. The boom/tower must have a connection point with the foundation/turntable/platform no higher than 6" from the table surface.
33. Upon start, the bottom most part of the load container must be raised to a minimum height distance of 1' from the connection point. This is to simulate raising the load above the new growth tree line.
34. After the load container is raised, the device must rotate to the loading area and the load container must be lowered to the table surface for animal loading. A portion of the load container must land within the loading area for an animal to be placed. The operator may reattempt the landing as needed.
35. (1) student is allowed to place (1) chosen animal into the load container when the load container makes contact with the table surface and is within the boundary. Only (1) animal may be transported at a time.
36. Upon loading, the device will again raise to the required minimum height distance of (1) foot from the connection point.
37. After the load container is raised with the selected animal, the device must rotate to the unloading area across the ravine to the new forest growth. If an animal falls out of the load container at any point before making contact with the table surface/unloading area(s), it may not be retrieved, and it does not count. But the container can raise and return to the loading area to try again with a different animal.
38. Once in the chosen unloading area, the load container must once again be lowered to the table surface for the animal to be able to exit. A portion of the animal must land within the boundary of the selected area to be able to be counted. If an animal lands between the (2) areas and is touching both, the unloading student can select which area to place the animal.
39. (1) student is allowed to remove the (1) chosen animal into the zone that the load container has reached once the container makes contact with the table surface. The animal can be placed anywhere within the area boundary once removed.
40. The process will continue until time has expired or the team calls STOP to end their trial. A team can call STOP once all required number of animals (6) have been delivered to the required unloading areas. If all (6) animals are not delivered within the given time, the team will receive the maximum time score.

41. In general, each movement must start with the load container in contact with the table surface. The load container must then be raised to the minimum distance before it can rotate. For the movement to finish, the load container must then be lowered to again be in contact with the table surface.



Figures 3 and 4: Key Measurements

Competition Area

A standard 6" folding table will be used. If only a larger table is available, sections will be taped off to the allowable dimensions.

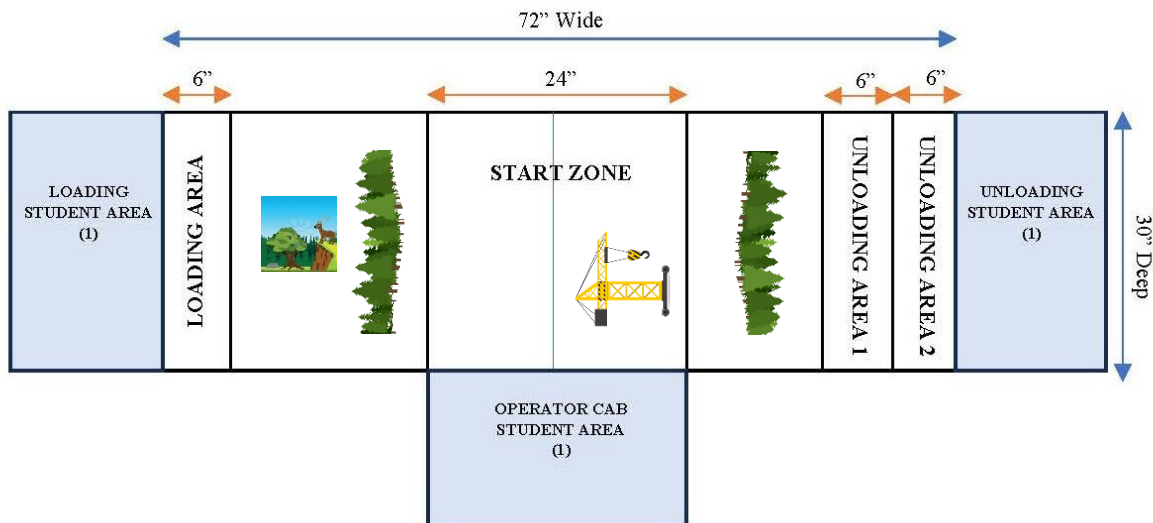


Figure 5: Crane Forest Rescue Competition Area Diagram

Team Performance Points (150 Total)

Participation Points (50 Total):

Any team delivering at minimum (1) Animal to any Unloading Area will receive 50 Points

Animal Cargo Points (75 Total):

Up to (3) Animals to Unloading Area 1 – 15 Points Each, Max Score of 45 Points

Up to (3) Animals to Unloading Area 2 – 10 Points Each, Max Score of 30 Points

There are no points given for any extra animals (beyond the 3 required) delivered to an unloading area, but there is no penalty for exceeding the required amount per area.

Time Points (25 Total):

1. Task winner (D_{sec}) = Team with the fastest time to deliver all (6) Animals to the Required Unloading Areas
2. Team Time (D_t) = Fastest team time achieved
3. Calculated Time Points =
Middle School: 180s minus Team Time (D_t), divided by 180s minus (D_{sec}), times 25 Points
High School: 150s minus Team Time (D_t), divided by 150s minus (D_{sec}), times 25 Points
4. Each team that completes the required task of delivering all (6) animals to the required areas is guaranteed a minimum time score of 10 Points.

Materials Appendix:

- High School Double Hooked Weights (200g):
https://www.amazon.com/gp/product/B0BJZHHRBQ/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&psc=1
- Middle School Double Hooked Weights (100g):
https://www.amazon.com/gp/product/B0B2RM5D2B/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&th=1
- 16PCS Forest Animals Figurines:
https://www.amazon.com/gp/product/B08HP8T52K/ref=ox_sc_act_title_1?smid=A13CQUC5Y3LP3O&psc=1

Crane Forest Rescue Inspection and Performance Datasheet

School: _____ Level: MS HS Team #: _____

INSPECTION LIST: THE DEVICE IS...

	YES	NO
A crane that utilizes at least (1) lever system and (1) pulley system	<input type="checkbox"/>	<input type="checkbox"/>
Solely powered by mechanical energy	<input type="checkbox"/>	<input type="checkbox"/>
Able to be operated from the Operator Cab Area	<input type="checkbox"/>	<input type="checkbox"/>
An original creation and no kits/pre-made parts are used in the boom, tower, or jib	<input type="checkbox"/>	<input type="checkbox"/>
Does not exceed 5' tall and the base/body does not exceed 24" x 30"	<input type="checkbox"/>	<input type="checkbox"/>
Connection point does not measure higher 6" from the table surface	<input type="checkbox"/>	<input type="checkbox"/>
Weight is able to attach/detach and be counterbalanced: 200g (HS) and 100g (MS)	<input type="checkbox"/>	<input type="checkbox"/>

PERFORMANCE:

Trial 1:

Mistrial: YES or NO

AREA 1	AREA 2		TIME (s)
# of Animals x 15 Points _____	# of Animals x 10 Points _____		

Maximum 3 Animals Scored in Each Area

Trial 2:

Mistrial: YES or NO

AREA 1	AREA 2		TIME (s)
# of Animals x 15 Points _____	# of Animals x 10 Points _____		

Maximum 3 Animals Scored in Each Area

NOTES: