



REGIONALS UPDATE 2020-2021

The MESA Machine: Wind Powered Vehicle

GENERAL RULES:

- Size restrictions for the wind-powered vehicle or MESA Machine will not be in effect.

SUBMITTING/JUDGING:

- Students will submit **one** 3-10 minute video of their MESA Machine's **best trial** to a location prescribed by their individual centers.
- Students must use conference calling software to record their videos (Zoom recordings/cloud recordings).
- Video must include the following:
 - o Identifying and explaining each of the actions in the MESA Machine
 - o Distinguishing the "machine" zone and the "vehicle start" zone
 - o The MESA Machine in motion including the pulling of the string
 - o The wind-powered vehicle in motion and the distance it covers
 - o Measuring the distance the vehicle has traveled from the indicated start zone to its final location (measuring tape, ruler, etc.)
- Students must verbally indicate when they initiate the machine by saying "Start Now."
- The video recording of the machine and wind-powered vehicle must be done in one *continuous* take with no editing, filters, or other video modifications applied.
- Students may edit the portion of the video in which they explain their actions.
- All parts of the MESA Machine that are in motion must be visible in the recording.