



SECME National Engineering Design Student Competition Guidelines

Reporting Checklist

Required for Competition

The SECME competition hosts must report all winners to the SECME National Office and upload their competition documents and videos via electronic registration. Registration opens **Monday, March 13, 2023**, and closes **Monday, April 3, 2023***. Complete the SECME Registration Information. *Deadline extension for the Texas Region.

Reports not submitted will result in a zero score for that section. Except for videos, **ALL** work must be converted to a PDF document before submission.

MIDDLE/HIGH SCHOOL DIVISION		
MTC	WBR	VEX V5
<ul style="list-style-type: none"> • Technical Report (include MTC materials list and handwritten calculations) • PowerPoint Presentation • Technical Drawing – Hand drawn or AutoCAD (optional) • Photos of car • Video of the car in motion • AOE video presentation • Consent Form • Team Photo 	<ul style="list-style-type: none"> • Technical Report (include calculation exercises) • Patch • PowerPoint Presentation • Technical Drawing – Hand drawn or AutoCAD (optional) • Photos of rocket • Video of the rocket in motion • AOE video presentation • Consent Form • Team Photo 	<ul style="list-style-type: none"> • Technical Report • PowerPoint Presentation • Technical Drawing • Photos of robot • Video of the robot in motion • AOE video presentation • Consent Form • Team Photo
ESSAYS/VISION BOARD		
Grades 6-12		
<ul style="list-style-type: none"> • Essay • Vision Board • Vision Board Explanation (1-paragraph) • Video vision board explanation (optional) 4 min. max • Consent Form • Student Photo 		
ADDITIONAL SUBMISSIONS DUE		
<p><u>SECME Student Surveys</u></p> <p>All students participating in SECME must be complete the electronic student survey. The Student Survey is required to advance to the SECME National Engineering Design Competition Finals and must be completed no later than Monday, April 10, 2023. Students will be ineligible to advance to the</p>		



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SECME National Engineering Design Competition Finals if they have not completed the SECME Student Survey.

EXPLANATIONS

Vision Board Video Explanations

Video explanations should be a maximum of four (4) minutes.

MTC and WBR

Technical and Written reports must have the materials list page included in the report. Reports should also include, where applicable, their handwritten calculations (MTC) and 1 set per team of the calculation exercises (WBR).

Photos of vehicle

MTC photos should be taken from 5 angles: top and bottom view; left, right, and back views.

WBR photos should be taken from 4 angles: top and bottom view; left and right-side views.

VEX photos should be from 4 angles: top and bottom view; left and right-side views.

Consent Forms

*Consent forms are required for **each** student and **each** student on the team.*

AOE Video Presentations should be five to seven minutes maximum.

A video demonstrating the movement and functionality of the SECME student team's vehicle, and the demonstration video should not be longer than 2-minutes.