



## 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.

ELEMENTARY SCHOOL DIVISION		
MTC	WBR	VEX IQ
<ul style="list-style-type: none"><li>• Written report (includes MTC materials list and handwritten calculations)</li><li>• Photos of car</li><li>• Video of the car in motion</li><li>• AOE video presentation</li><li>• Consent Forms</li><li>• Team Photo</li></ul>	<ul style="list-style-type: none"><li>• Written report (includes calculation exercises)</li><li>• Patch</li><li>• Photos of rocket</li><li>• Video of the rocket in motion</li><li>• AOE video presentation</li><li>• Consent Forms</li><li>• Team Photo</li></ul>	<ul style="list-style-type: none"><li>• Engineering Notebook</li><li>• Photos of robot</li><li>• Video of the robot in motion</li><li>• AOE video presentation</li><li>• Consent Forms</li><li>• Team Photo</li></ul>
ESSAYS/VISION BOARD		
Grades Pre-K-2	Grades 3-5	
<ul style="list-style-type: none"><li>• Vision Board</li><li>• Video vision board explanation – 4 min. max</li><li>• Consent Form</li><li>• Student Photo</li></ul>	<ul style="list-style-type: none"><li>• Essay</li><li>• Vision Board</li><li>• Vision Board Explanation (1-paragraph)</li><li>• Video vision board explanation (optional) 4 min. max</li><li>• Consent Form</li><li>• Student Photo</li></ul>	
ADDITIONAL SUBMISSIONS DUE		
<u>SECME Student Surveys</u> <b>All students participating in SECME must be complete the electronic student survey.</b> The Student Survey is required to advance to the SECME National Engineering Design Competition Finals and must be completed no later than <b>Monday, April 10, 2023.</b> Students <b><u>will be ineligible to advance</u></b> to the SECME National Engineering Design Competition Finals if they have not completed the SECME Student Survey.		



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### 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.