



MATE
MARINE
ADVANCED
TECHNOLOGY
EDUCATION
CENTER



MATE ROV Competition -- Instructor/Mentor Survey

Dear Instructor/Mentor:

This survey is being circulated by the Marine Advanced Technology Education (MATE) Center to help us improve the quality of the program and future events. *The information that you provide on this survey is confidential and important to us!* Only summary results will be reported. Return your completed survey to a MATE Center representative.

Thank you!

Please use black or blue pen or #2 pencil to answer the questions

Q1. Overall, how would you rate the usefulness of the ROV program?

- Excellent
- Good
- Fair
- Poor
- Very poor

Q2. How would you rate the support provided by the ROV program?

- Excellent
- Good
- Fair
- Poor
- Very poor

Q3. What obstacles did you face in the ROV program this year? (Mark ALL that apply.)

- Recruiting students
- Having the technical skills and expertise
- The time commitment
- Integrating this activity into existing curriculum
- Not enough support from MATE
- Not enough resources
- None

Q4. We are interested in hearing about changes you may have observed in your students since they began designing and building their ROV. Please indicate how much you agree or disagree with each of the following statements.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
A. My students are more interested in learning about science, technology, engineering, and math (STEM).....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B. My students are more interested in pursuing a STEM career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C. My students have increased their STEM knowledge and skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D. My students have increased their ability to apply their STEM knowledge and skills to solving real-world problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E. My students have improved their ability to communicate their engineering process and design to a wide audience.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
F. My students have increased their skills in team building, problem solving, and/or critical thinking.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MARKING INSTRUCTIONS

- Use a black or blue pen or a #2 pencil
- Make solid marks that fill the response completely.
- Erase cleanly any marks you wish to change.
- Make no stray marks on this form.

CORRECT: **INCORRECT:**

Q5. Please indicate the degree to which you agree or disagree with each of the following statements.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Not Applicable
A. <i>The ROV program provided a valuable venue to help prepare my students for STEM careers.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
B. <i>I modified my curriculum and teaching based on MATE information/training.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
C. <i>I used MATE materials/resources to incorporate the ROV building project into my course or club.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
D. <i>I intend to use what I learned through the project to work with future students.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E. <i>I feel that I am part of a MATE community that provides support and relevant resources.</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q6. Has the ROV program opened up other education or career opportunities for you? (E.g., professional development opportunities, partnerships with other schools/industry, job offers, etc.)

- Yes -- Please describe:
- No

Q7. Has the ROV program opened up other education or career opportunities for your students? (E.g., scholarships, internships, job offers, etc.)

- Yes -- Please describe:
- No

Some questions about you and your team

Q8. How many students worked on this project?

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of students

Q9. What competition class did your team participate in? (Mark ALL that apply.)

- EXPLORER
- RANGER
- NAVIGATOR
- SCOUT

Some questions about you

Q10. Are you a...? (Mark ALL that apply.)

- Teacher/faculty member
- Working professional (outside of the school system)
- After-school program or club coordinator
- Parent of an ROV team member
- Other

Q11. What audience do you teach and/or mentor? (Mark ALL that apply.)

- Elementary
- Middle/junior high school
- High school
- 2-year college or technical institution
- 4-year college or university
- Other (Please describe):

Q12. How many years have you participated in the MATE ROV competition?

 Years

Q13. This year, did you attend any workshops related to the ROV program?

- Yes
- No
- Not sure

Q14. How did you incorporate this project into your curriculum? (Mark ALL that apply.)

- Part of a course
- After-school club
- Voluntary activity
- Other -- Please describe

Q15. Did a classroom/club mentor come to your site to help your team? (A classroom/club mentor is a student or professional assigned to provide assistance at your site.)

- Yes
- No -- Skip to Q18 on the next page
- Not sure -- Skip to Q18 on the next page

Q16. To what extent did the mentor help you incorporate robotics activities into your course or club?

- A great extent
- A moderate extent
- A small extent
- Not at all
- Not sure
- Not applicable - did not work with a classroom/club mentor

Q17. Was the mentor adequately prepared to support you and your students through the ROV design and building process?

- Yes
- No
- Not sure
- Not applicable, did not work with a classroom/club mentor

Q18. What is your gender?

- Male
- Female
- Prefer not to answer

Q19. What would you say best describes your ethnicity? (You can check more than one.)

- White
- African American/Black
- Hispanic/Latino/a
- Asian
- Filipino/a
- Pacific Islander
- American Indian or Alaska Native
- Multiple Ethnicities
- Other -- Please describe

Q20. Do you have any disabilities?

- Yes
- No
- Prefer not to respond

Q21. Do you have any comments that you would like to share about your experience with the program and/or your students' experiences in the program? If so, please write them in the box below.

THANK YOU!

Please return your completed evaluation to a MATE Center representative.