



# This is the Impact of MATE.

This report is a testament to the enduring legacy of the MATE ROV Competition and its instrumental role in shaping the next generation of leaders, innovators, and members of the ocean technical workforce.

**Flip the page and dive into the impact.**

# OUR REACH IN 2025



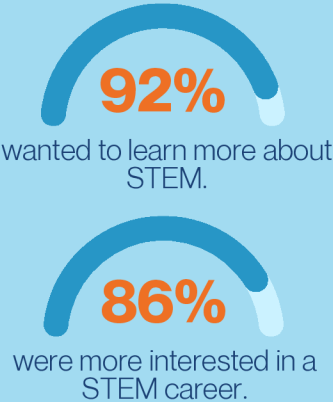
"It is an amazing competition that allowed me to explore many different topics. It also helped me learn many lessons about teamwork, collaboration, and most importantly, communication."

- 2025 MATE ROV Competition Participant

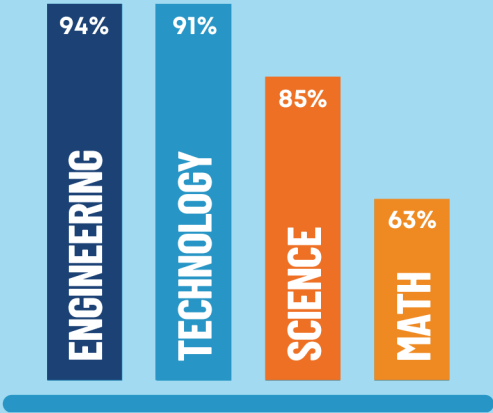
# NUMBERS TELL THE STORY



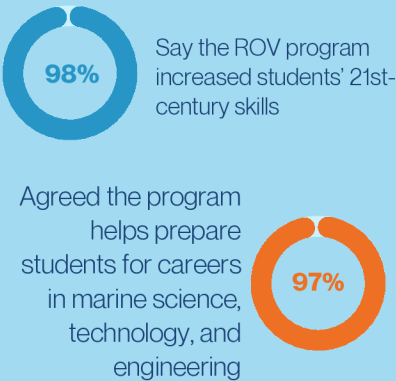
## STUDENTS ARE MORE INTERESTED IN STEM



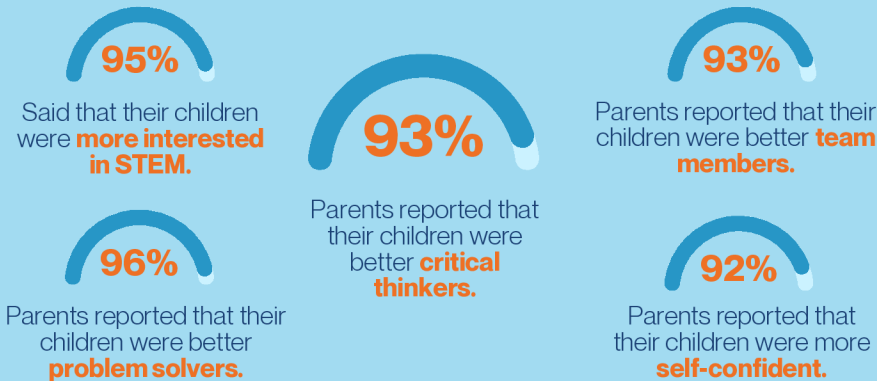
## STUDENTS INCREASED SKILLS & KNOWLEDGE



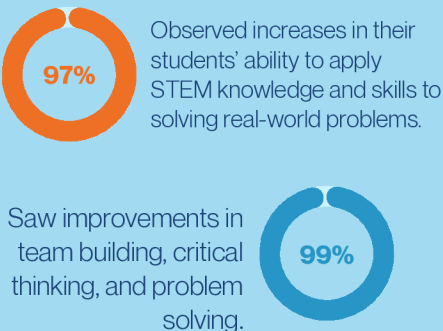
## JUDGES SAW REAL-WORLD APPLICATIONS



## PARENTS PROVIDED POSITIVE FEEDBACK



## TEACHERS SAW IMPROVEMENTS IN STUDENT LEARNING



## COMPETITION'S INFLUENCE ON STUDENTS' EDUCATION & CAREER PATHS

A 2024 survey of MATE ROV Competition alumni explored their education, employment, internships, scholarships, and opportunities gained through participation. Key results are highlighted below.

Alumni credit the program with strengthening their workplace skills, including **problem solving (98%), critical thinking (98%), teamwork (97%), and leadership (97%).**

The program played a role in attaining **college admittance (31%), employment (29%), internships (28%), scholarships (18%), and awards (15%).**

Alumni credit the program with strengthening their STEM knowledge and skills in **engineering (98%), technology (98%), science (93%), and math (75%).**

93% Alumni credit the program with influencing their education and career a little to a great extent.

89% Of alumni college students were STEM majors.

88% Of alumni college degrees were STEM degrees.

81% Of employed alumni had a STEM-related job.

# VOICES FROM THE DEPTHS



"My MATE experience is a big part of my resume and has helped me get internships, a job, and get into a grad school."

- 2025 MATE ROV Competition Participant

"I'm grateful to MATE ROV for giving my child the chance to apply the things they've learned in STEM. This is the missing piece - the opportunity for them to apply these skills."

- 2025 MATE ROV Competition Parent

"This program is fundamentally changing kids' lives. I coach an all-girls' team, that has a special impact of providing girls the opportunity to explore engineering and gain confidence. I see an incredible transformation in these girls and their confidence to pursue engineering at some of the top universities in the country."

- 2025 MATE ROV Competition Faculty Mentor

"I think this is the best engineering competition. It provides unique and valuable experiences for students in engineering processes and product design.."

- 2025 MATE ROV Competition Faculty Mentor

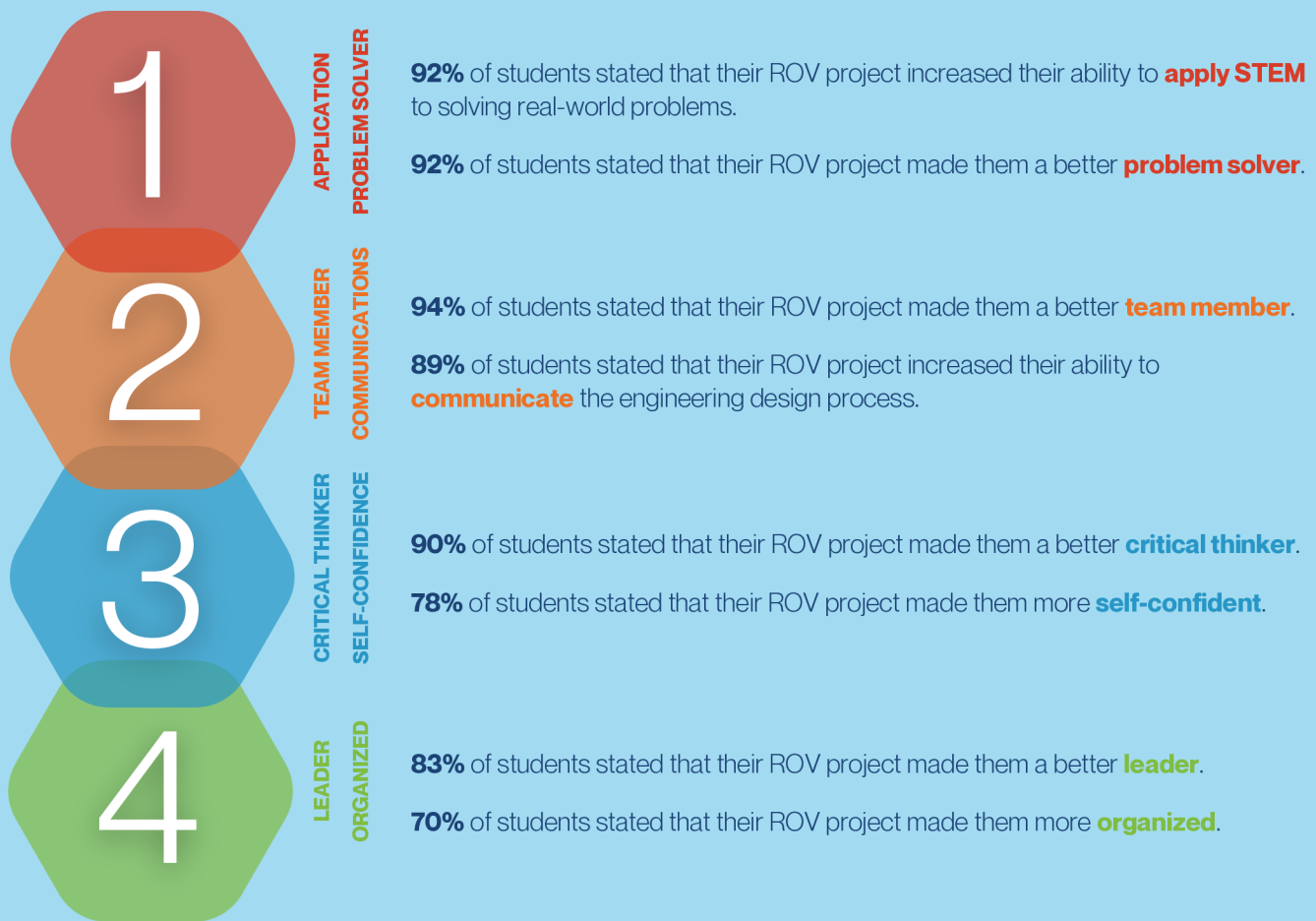
"I'm inspired by the students and their mentors who are curious, engaged and passionate about their project. They give me hope for our future."

- 2025 MATE ROV Competition Volunteer

# THE NUMBERS DON'T LIE



## STUDENT 21ST CENTURY SKILLS



## MATE ROV COMPETITION

The MATE ROV Competition uses underwater robotics (remotely operated vehicles or ROVs) as a way to get students in grades 4-16 excited about learning science, technology, engineering, and math (STEM). The program also exposes students to STEM career opportunities and helps them to see pathways to those careers.

With the exception of the 2024 alumni survey, all data resulted from an independent evaluation of surveys completed by **nearly 800 students, close to 200 teachers, more than 200 parents, and nearly 200 judges and volunteers** who participated in the 2025 MATE ROV Competitions. For more information, contact MATE at [materovcompetition.org/contact](https://materovcompetition.org/contact).

## 2025 MATE ROV ACADEMY PARTICIPATION DATA



Training Workshops **Delivered**



Countries **Reached**  
(Canada, U.S., U.K., and Singapore)



Teachers and Mentors **Trained**

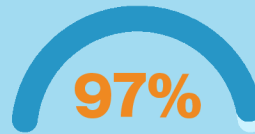


Classrooms **Supplied**  
(ROV kits, tools, building materials)



Students Annually **Impacted**

## TEACHERS REPORTED FAVORABLY THAT THE MATE ROV ACADEMY WORKSHOP



Clearly addressed the topics they came to learn about



Provided valuable ideas and activities that they can use in courses



Helped them understand current technologies used in the marine field



Provided them with instructional materials that will improve student preparedness for STEM occupations



Plan to use an ROV for team building or to implement curriculum in the classroom



**Rated the MATE ROV Academy training was Excellent**

"It was an amazing experience for me. I am an engineering professional with 55 years of experience in technology. (I am) looking to dedicate myself to teaching and enabling others to team STEM education for the next generations .... I honestly left the workshop feeling incredibly enthused and with a feeling that all participants now have each other as a network and team to support each other."

- 2025 MATE ROV Academy Participant