



## THE 2019 MAGNITUDE

### 2019 MATE ROV COMPETITION



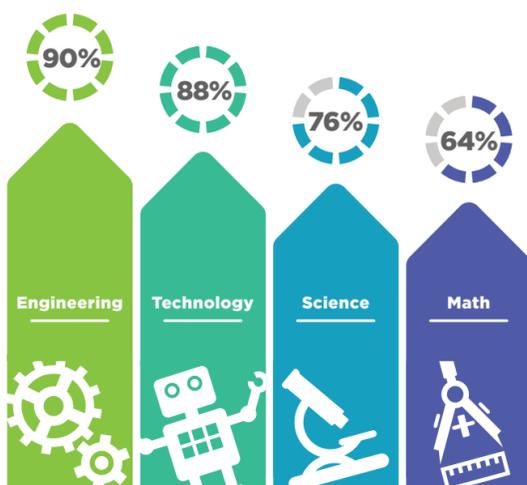
#### STUDENTS ARE MORE INTERESTED IN MATH AND SCIENCE



"MATE has transformed me from an introverted kid who had no idea what to do with his future to an extroverted, award-winning student in STEM, ready to tackle real-world problems."

- MATE ROV Competition 2019 Student

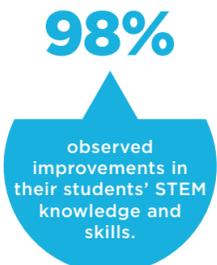
#### STUDENTS INCREASED SKILLS AND KNOWLEDGE



"While [my students] might not realize it in the moment, the program offers them a real world experience where they are able to develop both technical and essential skills."

- MATE ROV Competition 2019 Faculty Member

#### TEACHERS SAW IMPROVEMENTS IN STUDENT LEARNING



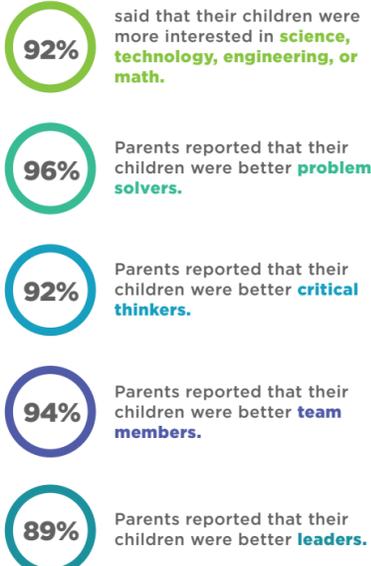
"The challenging and interesting content, combined with an enthusiastic [mentor] and impressive teammates, has made this a top-notch experience for my daughter. She has grown in many areas outside of her typical studies."

- MATE ROV Competition 2019 Parent

"[MATE] lends opportunities for students to become their own bosses and develop a business mindset for future work that is conscious of our environment and technological needs of today."

- MATE ROV Competition 2019 Student

#### PARENTS PROVIDED POSITIVE FEEDBACK



"This was an amazing experience for my son, both academically as well as socially. He grew as a person and learned how to better resolve issues with communication and collaboration."

- MATE ROV Competition 2019 Parent

"This program continues to have more impact every year - more students, more engagement, more visibility in the engineering community and the world. It is (rightly) focused on learning and developing skills, which puts it above many competitive events."

- MATE ROV Competition 2019 Faculty Member

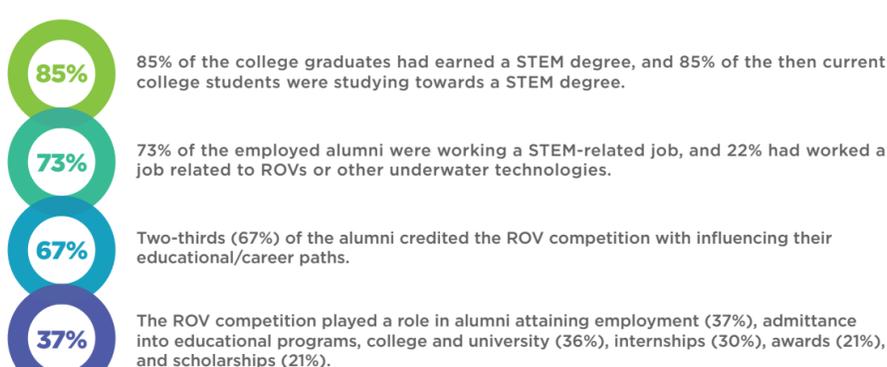
#### LEARNING FOR LIFE IN OUR TIMES



#### COMPETITION'S INFLUENCE ON STUDENTS' EDUCATIONAL AND CAREER PATHS

A 2015 survey of competition "alumni" included questions about their higher education, employment, internships, scholarships, and other opportunities that opened due to their involvement with the MATE ROV Competition. Highlights of the survey results included below.

MATE plans to launch a second alumni survey in December 2019.



"As a former competitor, this competition directly impacted my position. Having the real-world experience beyond the classroom was extremely valuable (even outside the marine technology industry)."

- MATE ROV Competition 2019 Volunteer Judge

#### MATE ROV COMPETITION

The MATE ROV Competition uses underwater robots (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.

All data resulted from an independent evaluation of nearly 2,000 students, 400 teachers, and 450 parents who participated in 2019 MATE ROV Competitions.