TAME Club Sponsor Guide: Best Practices

TAME Clubs across the Lonestar State empower educators to inspire and prepare the future STEM professionals of Texas.

Clubs are typically sponsored by teachers, librarians, administrators, parents, or community partners. They can be in public schools, private schools, home schools, scout troops, libraries, college campuses, and anywhere that students can meet regularly to explore STEM.

Thank you for Sponsoring a TAME Club!

TAME Staff are inspired on a daily basis by the efforts of educators, parents, volunteers, grassroots organizers, corporate partners, and communities that go above and beyond to support students. We know your time is valuable and work hard to streamline our programs for you.

TAME is like an engineering design challenge spanning decades and adapting to new opportunities to change and improve. We welcome feedback with enthusiasm at programs@tame.org, knowing that it will take the whole TAME Family to build a future where Texas students can dream big.

Contents of this Guide

This document is available online with clickable hyperlinks at tame.org/resources.

Engineering inclusion since 1976: TAME's Mission

TAME's mission is to enable Texas students to pursue careers in Science, Technology, Engineering, and Math (STEM) by:

- Creating partnerships among educators, industry, government and families to inform, educate and motivate students
- Implementing classroom and extra-curricular programs and activities
- Focusing on populations that remain underrepresented in fields of STEM
- Promoting diversity in STEM careers

We focus recruitment on underrepresented groups: students who are female, Black or African American, Latino or Hispanic, Native American, or those who face economic barriers, or who are first generation college-bound.

TAME's responsibility to the students we serve requires us to have courageous conversations to inform our work. Learn more here: *STEM Education Equity & Anti-Racism Resources* (tame.org/news/entry/stem-ed-equity).

What do TAME Clubs do? Is there a format we have to follow?

The TAME Club program is flexible. We understand that there is no "one-size-fits-all" format that will work for students in different communities around Texas. That's why TAME does not require clubs to meet a certain number of times or use a particular format.

Some TAME Clubs meet in person, some virtually. Some meet several times a month, others meet a few times a semester. Because many students ride the bus and aren't able to stay after school, some clubs meet during lunch or homeroom, or even count class time toward the club meetings.

Club Sponsors do not need to report back to TAME about their meetings, although we love to hear about fun and interesting STEM projects and often feature photos on TAME's Facebook, Twitter, and Instagram to inspire other clubs. Many of our best practices come from our TAME Club Hall of Fame, available at tame.org/clubs.

Logistics for your TAME Club meetings

When do TAME Clubs meet?

- before or after school
- during homeroom or lunch
- during class
- on the weekend

How often do they meet?

- once a week
- multiple times a month
- monthly
- a few times a semester

Where do they meet?

- at school
- community centers
- libraries
- homes
- in person & online

Funding Your TAME Club

While you can organize many activities with typical classroom supplies on hand, extra funding can help cover snacks, field trips, and more.

In 2020 TAME launched a new initiative to offer financial and material support to TAME Clubs serving Title I campuses and community groups. Toolkits are available on a first come, first-served basis for TAME Clubs serving Title I campuses and community groups with at least 50% students who qualify for free/reduced-price meals at school. Learn more about toolkit contents and eligibility at tame.org/toolkit.

Have more needs? TAME Staff is ready to support you in your efforts as you approach local funders and school districts for extra support and new ideas. Please see our **TAME Club Community School Guide** at tame.org/community for infographics, testimonials, fundraising levels, and more.

If you're seeking additional funding, a good place to start would be to create an account with Donors Choose, or start a free trial on Instrumentl to search for small grants. TAME Clubs have also had some success with the local grants available through Walmart, Target, and BestBuy.

Suggested TAME Club guidelines for students

- **You're not going to get things right on the first try.** Scientists and engineers "fail" all the time, go back to the drawing board, and try again until they get the product they want. The more "oops" moments you collect, the more often you'll see success.

- **You don't have to tackle any problem alone.** In the STEM world, we have to work with each other to share ideas, draw on different strengths, learn from mistakes, and present our concepts. Why reinvent the wheel by yourself when you can build on other inventors' work and skip to the fun part where you redesign the whole car?

- **Everyone has a voice at the table.** Someday you will work with people who are different from you. They will be different from you in age, gender, height, hometown, and more. STEM activities, clubs, and competitions are a great place to practice listening to voices you're not used to hearing. If someone in the group isn't speaking up, ask what they think. More voices at the table means more ideas to solve problems and maybe even one day change the world.

- **You can use STEM to change the world.** Thinkers, inventors, builders, healers, and change-agents of the world often do their work through science, technology, engineering, and mathematics. Pushing yourself to earn these skills empowers you to help people at home, around the country, and maybe even across the world.

Recruiting new club members: Hidden in Plain Sight

TAME Clubs are inclusive to all students who want to join. Because part of TAME's mission is to promote diversity in STEM careers, we focus recruitment on underrepresented groups: students who are female, Black or African American, Latino or Hispanic, Native American, or those who face economic barriers, or who are first generation college-bound. TAME's responsibility to the students we serve requires us to have courageous conversations to inform our work. Learn more here: *STEM Education Equity & Anti-Racism Resources* (tame.org/news/entry/stem-ed-equity).

We welcome any student who wants to pursue their interest in STEM. Also, our Club membership is not limited to students in public school; we welcome home-schooling networks, community groups, and more.

Who's not in the room? Who won't seek out a STEM Club without your help?

Many students hear about a STEM Club and know immediately that they want to join. They might already consider themselves "a math person" or know that they have a knack for chemistry. However, in order to reach more students and fulfill TAME's mission, TAME strongly urges Club Sponsors to actively recruit students who might not end up in a TAME Club on their own.

Who isn't in the club yet? Who doubts whether they belong in STEM? You can help them see that STEM fields need people with all kinds of skills. You can help them feel like they belong.

Consider what students might thrive in STEM fields, but might not even know it yet:

- **Creative, artistic students** may not know that engineering needs creative minds to solve problems and envision new futures
- **Young writers or debate enthusiasts** may not know that scientists with good communication skills can help make science accessible, interesting—and maybe even poetic
- **Sociable, outgoing students** might never have had the chance to thrive on an Engineering Design Challenge Team, helping the different members of the team connect and feel heard
- **Passionate volunteers** might light up when they learn that STEM fields usually focus on helping people, improving lives, and solving the problems facing the future of humanity
- **Adventurous, athletic students** may not have considered that a career in STEM could take them outdoors, into different habitats and environments all over the world—or even beyond it, into the next generation of space explorers

Perhaps the first person to walk on Mars is currently walking the hallways at your school but has never thought of themselves as a STEM person. They may never walk into your TAME Club unless you actively encourage them to join.

"We try to intentionally create these communities of diverse students, diverse teachers. Diversity is an incredibly important part of an effective team. When you have a diversity of opinion, a diversity of experiences, the end product that you create is so much bigger than what any one person could create by themselves." – Savita Raj, Executive Director of TAME, 2010-2019

Recruitment criteria

Due to the difficulties posed by the pandemic, in 2020-21 TAME lowered recruitment numbers from 8 to 6. You must recruit at least 6 registered students grades 6-12 for your club to receive an invitation to participate in TAME's free Divisional STEM Competitions. See our tips on recruiting from other successful Club Sponsors: 21 Ideas for Recruiting Diverse Students into STEM Clubs (tame.org/news/entry/21-ideas-for-recruiting-diverse-students-into-stem-clubs).

To be eligible to participate in the annual STEM Competitions, TAME Clubs in Austin, Dallas, Fort Worth, Houston, San Antonio and their suburbs must meet one of the following additional criteria:

- Be located at a Title I school, where a majority of the students qualify for free/reduced meals OR
- 50% of student members must be either first in their family to consider college or qualify for free/reduced meals

Students can check if they qualify here (benefits.gov/benefit/1990). Schools in rural areas (see NCES code) or at a Title I campus do not need to meet the additional criteria.

TAME Educator Workshop

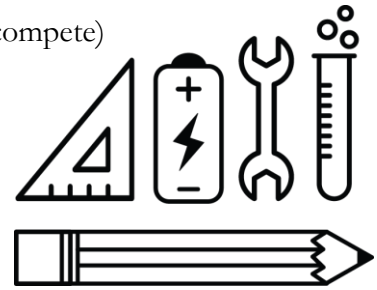
Want more strategies to help? To generate understanding for the need to challenge STEM stereotypes and develop soft skills in STEM students, TAME created a unique program with original subject matter called Hidden in Plain Sight: Discovering STEM Potential (tame.org/workshop).

This workshop makes the connection between the need for breaking stereotypes and how that creates inclusion for underrepresented groups. Available in-person or virtually, it provides teachers with tools to nurture non-stereotypical STEM students and methods to create a classroom atmosphere which encourages these students to explore and become engaged in STEM learning.

"It really made me think about how some of my kids might feel in different situations and how I might structure my classroom/lessons to create a 'safer' learning environment." Dawn R., Middle school STEM teacher, Fort Stockton, TX

STEM Competitions

TAME's annual Divisional and State STEM Competitions (tame.org/compete) bring together thousands of high-performing TAME Club students in grades 6-12 from across the state to test their STEM skills through collaborative engineering challenges and individual timed tests.



The free competitions celebrate achievement in STEM, and encourage the development of a peer and mentor network.

All STEM Competitions are free—but you need to register and sign up!

The Student Registration (tame.org/students) deadline for students in grades 6-12 who want to participate in STEM Competitions is typically at the end of October, so register soon.

Once the dates for Divisional Competitions have been announced, the TAME State Office reaches out to Club Sponsors to confirm which students are planning to attend. Students who sign up to attend will be added to Design Challenge Teams and receive a free TAME giveaway at the event.

An engineer for an afternoon

At the 14 Divisional STEM Competitions that take place around the state in January or February, participants take a timed math and science test administered by grade level. Students also compete in an Engineering Design Challenge on a team with students from other schools at the event. Team assignments are strategically balanced by race, gender, age, and geography to bring diverse voices to the table and give each student a fair chance to step into the role of a real engineer for an afternoon.

In 2021 all competitions will be held virtually. The Divisional Competitions will not include testing.

Competition Signups help keep STEM Competitions free for all

Some students aren't sure if they want to compete, and prefer to just have fun with friends at the club level. **If there's a chance a student may want to participate, have them register in the fall!** While all registered students in grades 6-12 are eligible to compete, only students who sign up and confirm participation will be invited to attend the Divisional STEM Competition. If a student does not complete the Student Registration form, or does not sign up to confirm they will attend, organizers will not have supplies or team assignments for them and **they will not be able to participate.** However, they are welcome to stay active in the TAME Club year round and register for the next Competition season in the fall.

When a student signs up to attend, we make sure we have the right supplies and food available for that student. If we know ahead of time they cannot attend, we can invest that money in other meaningful ways. Please help us use our donors' money responsibly and keep our programs free for all students.

Celebrate with your students

We require that TAME Club Sponsors accompany their students to Divisionals or find an alternate chaperone. If your students are selected for the State STEM Competition, we will need your assistance in coordinating their participation. At the State STEM Competition, TAME sponsors cover all costs, including transportation, food and lodging, and great giveaways and prizes.

Learn more about how participating in annual STEM Competitions from grade 6-12 can influence a student's future with Benefits of a TAME Club – Ana's Story (tame.org/ana)

Suggested TAME Club meeting recipes & activity ideas

Many Club Sponsors ask us for advice on how to structure meetings, schedules, and activities. Here are some optional "recipes" or examples to help you envision some ways that your TAME Club can help foster exploration and build a supportive network for your students.

Instructions are for socially-distant in-person meetings, but may be adapted for online meetings.

Key: Virtual-friendly

Social distancing

Special trip

Simple Engineering Activity (1 hour, all ages)

Setup supplies & table space before the meeting (5 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Engineering challenge with 4-5 people to a team (30 min)

Discussion: What worked, what would you do differently next time? (10 min)

Clean up, wrap up, and vote on the next TAME Club challenge (5 min)

Simple Science, Tech, or Math Activity (1 hour, all ages)

Setup supplies & table space before the meeting (5 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Plan and execute a science experiment, coding project, or math activity (30 min)

Discussion: What worked, what would you do differently next time? (10 min)

Clean up, wrap up, and vote on the next TAME Club challenge (5 min)

Practice Engineering Design Challenge (2-3 hour, gr 6-12)

Setup supplies & table space before the meeting (10 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Practice an official Engineering Design Challenge from a past TAME Divisional STEM Competition with 5-6 people to a team (60 min)

Discussion: What worked, what would you do differently next time? What ideas did you like from other team designs and why? (20 min)

Optional: Round Two of the same Engineering Design Challenge, redesigning prototypes after discussion and feedback (60 min)

Clean up, wrap up, and vote on the next TAME Club challenge (5 min)

Past Divisional & State Challenges:

(tame.org/prep)

- Channel Crossing Challenge, *from the 2019 Divisional STEM Competitions*
- Wind Turbine*, from the 2017 State STEM Competition*
- Wrap A Fuselage*, from the 2016 State STEM Competition*
- Jet Powered Blimp, *from the 2015 State Math and Science Competition*
- Stunt Plane, *from the 2014 State Math and Science Competition*
- Mars Rover, *from the 2013 State Math and Science Competition*
- Aggie Crane Challenge, *from the 2012 State Math and Science Competition*

Practice Tests & Kahoot! Quizzes (1.75 hour, gr 6-12)

Clear tables, set out practice tests, and arrange a screen with Kahoot! beforehand (5 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Take a Practice Test from the TAME website (60 min)

Practice answering Kahoot! quiz questions from the TAME website (20 min)

Clean up, wrap up, and vote on the next TAME Club challenge (5 min)

Tutoring & STEM Video/Discussion (1 hour, all ages)

Clear table space before the meeting (5 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Tutoring sessions with peers and/or teachers (25-30 min)

STEM Video: select and watch a video from TED Ed, The Kid Should See This, etc. (5-10 min)

Discussion about STEM concepts / role models in the video (10 min)

Clean up, wrap up, and vote on the next TAME Club challenge (5 min)

Engineering Imagination Challenge (1 hour, all ages)

Clear table space before the meeting (5 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Invite students to find objects in the room that were designed (or improved) by an engineer. Students will likely point to electronics first. Challenge them to keep looking, and to look deeper. "Did that always exist?" If they point to shoes, ask about the soles, the way the laces are woven, the shape of the shoe, the idea of a shoe itself. Other ideas you can use to prompt them include: fabric, buttons, zippers, and clothing; food, drinks, and packaging; paint on walls and in artwork, pens and ink and paper in books; jewelry, hair clips, makeup, and nail polish; building materials like drywall, tile, cement, and glass; umbrellas, rain coats, and air conditioning; glasses, contacts, braces, and mobility aids like crutches, knee braces, canes, and wheelchairs. (20-30 min)

The goal is to help students see STEM as relevant, and to see their everyday world with new eyes as they realize how virtually everything in the room was designed or improved by an engineer. You might offer extra credit to students who research some of these everyday inventions, and discover what kind of engineers developed them. Ex. Chemical engineers creating color-changing nail polish or weather-resistant paint for cars; biotech engineers designing ergonomic chairs, canes, or even prosthetics.

After, ask students to read and discuss this passage from the writer Neil Gaiman: (5-10 min)

> "Look around you: I mean it. Pause, for a moment and look around the room that you are in. I'm going to point out something so obvious that it tends to be forgotten. **It's this: that everything you can see, including the walls, was, at some point, imagined.** Someone decided it was easier to sit on a chair than on the ground and imagined the chair. Someone had to imagine a way that I could talk to you in London right now without us all getting rained on.
>
> "This room and the things in it, and all the other things in this building, this city, exist because, over and over and over, people imagined things.
>
> "We all—adults and children, writers and readers—have an obligation to daydream. We have an obligation to imagine. It is easy to pretend that nobody can change anything, that we are in a world in which society is huge and the individual is less than nothing: an atom in a wall, a grain of rice in a rice field. **But the truth is, individuals change their world over and over, individuals make the future, and they do it by imagining that things can be different.**"

Clean up, wrap up, and vote on the next TAME Club challenge (5 min)

Guest Speaker (1-2 hours, all ages)

We recommend inviting a local STEM professional or a former club member who is now in college to serve as a role model for students. TAME offers a PDF handout of advice at tame.org/speaker that you can email guests before their visit. **TIP: this is a great opportunity to welcome the whole school to attend & recruit students.**

Welcome guest and setup space before the meeting (5 min)

Welcome students with name tags, snacks, icebreaker activity, etc. (10 min)

Guest presentation / conversation (20-40 min)

Encourage the guest to bring props, photos, or any other type of visual aid that will provide students with a better understanding of their career/college experience. Encourage them to keep things light, conversational, and positive overall—it's okay to talk about struggles, too. Honesty is important, and so is inspiring students to consider new career paths.

We recommend the Role Model training from Techbridge Girls. SciGirls from PBSKids.org also has a wonderful handout on tips for talking to youth about STEM, SciGirls Role Model Strategies: Encouraging Girls to Consider STEM Careers.

Some questions to ask:

- Do you remember the moment you fell in love with STEM?
- How did you choose your career?
- What school subjects help you most in your job?
- What education/training would students need to follow in your footsteps?
- What problems do you solve with your job? Who do you help with your work?
- What are some situations where you had to be creative in your job?
- What is a story about a time when you faced a challenge, failed, and learned something?
- If your job didn't exist, how would the world be different?
- What tools do you use? Who do you work with?
- What is the best part of your job?
- Does your employer offer paid internships, tours of the facility, or volunteer opportunities? If so, what are your tips for students interested in applying?
- What do you wish you had known when you were a student? What advice can you give?

Questions from students and an opportunity for photos (15 min)

Host a Competition for Younger Students (3-6 hours, gr 6-12)

Work with students to plan the schedule and challenge in advance. Connect with a local TAME Club or school with students younger than those in your club and arrange time to meet for an Engineering Design Challenge.

Students setup supplies & table space before the meeting (10 min)

Welcome both groups of students with name tags, snacks, icebreaker activity, etc. (10 min)

Practice an official Engineering Design Challenge from a past TAME Divisional STEM Competition with 5-6 people to a team and older students acting as judges (60 min)

Student-Led Discussion: What worked, what would you do differently next time? What ideas did you like from other team designs and why? (20 min)

Optional: Round Two of the same Engineering Design Challenge, redesigning prototypes after discussion and feedback (60 min)

Clean up, wrap up, and vote on the next TAME Club activity (5 min)

STEM Leadership Discussion (1-2 hours, gr 6-12)

We recommend this activity after your students have had a chance to get to know each other. Host a discussion session where students can talk about their experience in STEM classes, activities, and events like competitions. Ask students to draw a scientist or an engineer, then use that as a jumping off point to talk about stereotypes.

- How many students drew a "mad scientist" in a labcoat? What other stereotypes appear?
- What messages are these stereotypes sending about who gets to be a scientist, or what skills it takes to be an engineer?
- Can you imagine a scientist who is social and outgoing?
- Can you picture an engineer who is creative and artistic?
- How old do you have to be, in order to be a good scientist?
- Can an artist or photographer be good with numbers and formulas?
- Can an engineering major also play college basketball?
- Do you have to look, act, or think a certain way to change the world?

Studies show that STEM professionals generate more innovative and effective ideas in diverse teams. How can your TAME Club recruit more students who might not yet see themselves as a science or math person, or who may not yet know much about engineering? What new kinds of creative voices or artistic talents can you bring to the team? How can they inspire and mentor younger students?

Talk about ways club members can lead by example and set small STEM leadership goals such as:

- to raise their hand a certain number of times in their STEM classes during a week
- ask questions to see if other people at school or in the community might want the help of a STEM club to solve a problem or design and build something new
- bring a friend to a TAME Club meeting
- see how many club members they can recruit to attend the Divisional STEM Competition
- when the club goes to the STEM Competition, each member makes a point to meet and talk to one student from another school to get ideas for other club activities

STEAM Art Project & Contest Day (1 hour, all ages)

Organize a STEAM (Science, Tech, Engineering, Art, and Math) art project day to help students submit artwork for the annual T-Shirt Design Contest. Coordinate with an art teacher to talk about the many ways art, design, and STEM overlap and depend on each other for creative pursuits across many disciplines. Consider asking the school theater department about props, smoke, steam, or lighting effects, and other tech-related ways to bring a stage production to life with your students' STEM skills.

College & Scholarship Workshop (1 hour, gr 11-12)

Invite 12th graders to fill out TAME Scholarship Application during the club meeting, and offer constructive feedback on their essays. Remind students they need to take ACT or SAT to get into college, and help them brainstorm ways to sign up for and prepare for those tests. It's a great opportunity to welcome the school counselor or career counselor to give a talk to the students about applying for colleges—don't forget to include 11th graders who might be interested in the conversation.

Daytime Nature Walk (1-3 hours, all ages)

Scope out a safe place to bring students on a nature walk to study concepts like biology, geology, and ecology. Nearby State Parks may offer guided tours, handouts, maps, and scavenger hunt activities for spotting native wildlife. Apps like LeafSnap, Project BudBurst, iNaturalist, eBird, and Project Noah can make your students citizen scientists as they help photograph and document insects, birds, trees, and native plants. We recommend encouraging all students to wear the same color t-shirt and nametags, as well as sunscreen, bug spray, hats, comfortable walking shoes, and long pants to protect the skin. Consider accessibility and students' mobility needs when choosing a location, so all students can take part. Research what jobs are available in this area to help students get excited and see the possibilities of a future in this area.

Nighttime Star Party (1-2 hours, all ages)

Do you know anyone who owns a telescope, spotting scope, or binoculars? Students can plan a star party to observe stars, meteor showers, planets like Mars and Venus, or celestial events like lunar eclipses. Apps like NASA's Meteor Counter can make your students citizen scientists as they document the timing, direction, and brightness of meteors. To see the most stars, you may want to wait for a clear night with a new moon, and meet in a place away from city lights like streetlights. Consider accessibility and students' mobility needs when choosing a location, so all students can take part. Research jobs in this area to help students get excited and see the possibilities of a future in astronomy, aerodynamics, or space exploration.

Community Volunteering Trip (1/2 day to full day, gr 6-12) 😷 👪

Encourage students to brainstorm ways that they could give back to their school or community, such as planting trees, running a recycling drive, a park cleanup day, or building something like a Little Free Library. TAME Clubs have connected with Elequa, a TAME partner in southwest Texas that offers online curriculum and $50 open source water testing kits for free so students can check the chemistry of local waterways and run other experiments and challenges (makewater.org). Consider accessibility and students' mobility needs when choosing a location for your volunteering experience, so all students can take part. Discuss related job opportunities to help students get excited and see the possibilities of a future in this area.

Discussion: Science Fiction & STEM Ethics (1-2 hours, gr 6-12) 💻😷

Host a discussion session where students can use their favorite sci-fi films, shows, books, and comics to consider the human impact of progress in STEM fields. What are the social and ethical impacts of the technology they or their fellow students will someday invent?

This is an exercise with multiple benefits, as it encourages students to visualize themselves in a career where they make a lasting impact on humankind—and it asks them to consider what sort of impact they want to have.

Film / fiction examples and TED-Ed lessons for discussion starting points:

- Nebula Award nominated short story "Today I am Paul" by Martin Shoemaker, grades 6+; pair with TED-Ed lesson, Can Machines Read Your Emotions?
- Film *Big Hero 6*, grades 2+; TED-Ed lesson The Turing test: Can a computer pass for a human?; STEM activities from Disney
- Film & book *The Martian*, grades 6+; TED-Ed lessons, Could we actually live on Mars? and Could human civilization spread across the whole galaxy?
- Film *Interstellar*, grades 6+; educator's guide and TED-Ed lessons
- Film *Black Panther,* grades 9+; Afrofuturism and representation in STEM; TED-Ed lessons, Why should you read sci-fi superstar Octavia E. Butler? and How fiction can change reality
- Film & book *Hidden Figures*, grades 6+; TED-Ed lessons, Why do people get so anxious about math?; The exceptional life of Benjamin Banneker; and Eyes on the stars, on Ronald E. McNair, the second African American in space

College, Museum, or Career Day Field Trip (full day, gr 6-12) 😷 👪

Visit a local college, museum, or STEM employer. Consider accessibility and students' mobility needs when choosing a location, so all students can take part. We recommend all students wear the same color t-shirt and nametags. Bring the list of questions from the "Guest Speaker" meeting recipe to help students get excited and see the possibilities of a future in this area.

You are making a difference

There's no pressure to TAME Club meetings a perfect experience. Just by being present, you are making a difference. There is no perfect way to measure just what kind of impact you may have on these students. They may not even know, themselves!

One common theme TAME hears from alumni is that it just took one person believing in them, for that spark to ignite. Fifty years from now, a student from this club might someday tell their grandchildren, "We learned about enzymes using the Saltine trick at our TAME Club, and that was my *ah-ha* moment, that was my first step to becoming a biomedical engineer." They might think of you with gratitude when they work their first shift as a surgeon, or maybe even setting foot on Mars.

Thank you for your efforts. We encourage you to be yourself and reconnect with the parts of learning you love most, by exploring and sharing your love for STEM. Let us know how it goes!

The Ecosystem (we're here to help)

We know you do so much to support your students. You don't have to do it alone. The TAME State Office is a small, dedicated team who coordinate statewide programs and can be reached at programs@tame.org.

But TAME is so much larger than a single office. It's hundreds of clubs across 14 volunteer-run chapters, serving thousands of students. It's Board and Advisory Board Members, and Corporate, Higher Education, and Community Partners. It's generation after generation of alumni from 1976 onward who forged a path as pioneers in Texas STEM fields and beyond. It's a legacy you can lean on, and a network that wants to see your students succeed.

Join the conversation. Log into your Club Dashboard at tame.org/login to sign up for our TAME Ecosystem Slack channel, created to allow the members of the TAME Ecosystem (Club Sponsors, Chapter Leadership, and TAME Staff) to connect with one another and share questions, resources, tips, concerns, and ideas.

Thank you to our 2020-21 Sponsors:

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