A BY-YOUTH, FOR-YOUTH NONPROFIT EMPOWERING STUDENTS TO TAKE ACTION AND PURSUE THEIR OWN STEM IDEAS THROUGH ONE-ON-ONE PEER MENTORSHIP.
We are a team of high schoolers who have found immeasurable joy through teaching and creating our own STEM projects. We have realized that STEM is not about being the smartest person in the room nor is it limited to the test tubes and molecular formulas learned in class. STEM is for everyone and can be used to better our communities and form life-long friendships.

Since 2018
Who We Are

We are amidst the fourth industrial revolution where STEM-oriented jobs are projected to grow over 13% in the next 8 years. Yet, the availability and affordability of STEM opportunities has failed to reflect similar development. Thus, widening the gap for those at a systematic disadvantage, including low-income, minority, and women students. STEM has become a place of apprehension, rather than a safe one.

Why It Matters

We hope to be the STEM opportunity for communities who lack it. With your help, we can create a positive impact and empower younger students in our own backyards.
Twelve, one hour and 15 minutes, cost-free after-school sessions for 4th-5th or 6th-8th grade students to create their own STEM projects and present at a regional fair.

SESSION BREAKDOWN

1 - 3 Introductory Activities
4 - 7 Project Brainstorming & Development
7 - 9 Project Execution
10 - 12 Project Creation
End of Year Fair

REGIONAL FAIR

For regions with multiple chapters, we aim to host a fair for all students to gather and present their projects, talk to STEM industry leaders, and engage in workshops to celebrate the hard work students have put in and share what they have learned.

For regions with a single chapter, we aim to host a mini-fair where students can present their projects to parents and educators.
JOIN THE TEAM

Chapters are make up a large part of our programming. We truly believe consistent mentoring and following through with the process of project creation can most effectively impact and uplift younger students. There are two main ways to become involved:

1. Chapter Head - bring the STEM & Buds program to your school  
2. Regional Director - lead and recruit STEM & Buds chapter heads to your community and host a regional fair at the end of the year
CHAPTER HEAD

As chapter head, you will spearhead securing administrative approval, recruiting volunteers and students, and leading each session. You will be hands-on, personally connecting with educators and volunteers, observing younger student's grow, and mentoring them along the way to create a project they are passionate about.

1. Your name will be on our website.
2. You will have the opportunity to work with other friends on the STEM & Buds team to plan a regional fair (depending on how many chapters are where you are)

HOW TO START

1. Must be high school student in grades 9-12
2. Choose to teach 4th-5th or 6th-8th students
3. Email stemandbudspa@gmail.com OR dm @stemandbuds on Instagram
   a. Name/School/Grade
   b. Why do you want to start a chapter?
   c. Which school are you planning to teach at?

Our team will reach out soon after with all the information you need to begin a chapter and later, your own event. We look forward to having you become a part of STEM & Buds :)
REGIONAL DIRECTOR

As regional director, you will be leading all the chapters in your region - recruiting chapter heads, setting up monthly meetings, attending monthly meetings, and coordinating the end of year regional fair. Your work will be focused less on the mentoring aspect, but rather, organizing and managing all activities.

1. Your name and picture will be on our website.
2. You will work with chapter heads to plan a regional fair.

HOW TO START

1. Must be high school student in grades 9-12
2. Email stemandbudspa@gmail.com OR dm @stemandbuds on Instagram
   a. Name/School/Grade
   b. Why do you want to become a regional director?
   c. What region do you live in?
   d. What schools do you plan to bring the program to?
   e. Which high schools do you plan to recruit chapter heads?

Our team will reach out soon after with all the information you need to become regional director and recruit. We look forward to having you become a part of STEM & Buds :)
OUR WORK

WEBSITE: stemandbudspa.org
EMAIL: stemandbudspa@gmail.com

@stemandbuds
@stemandbuds
Page: stemandbuds
STEM & Buds

THANK YOU

To whoever has read this and is interested in starting a chapter or becoming a director:

Thank you. We mean it. After all, we believe education serves as the basis for change. Not only that, your work with younger students has the potential to impact their love for learning and self-confidence. If you have any ideas and want to become a part of our team, feel free to email us/reach out via any social platforms.

Victoria Ren & Ashna Patel