

Parent/Guardian #1

Name _____

Home Address _____

Home Telephone _____

Cell Phone _____

Business Telephone _____

E-mail _____

Parent/Guardian #2

Name _____

Home Address _____

Home Telephone _____

Cell Phone _____

Business Telephone _____

E-mail _____

Purpose: Deltona Middle School's Science, Technology, Engineering and Mathematics (STEM) Academy is a hands-on/minds-on program that offers students a rigorous curriculum driven by problem solving, student choice, and discovery in a student-centered environment.

Criteria for Acceptance: Any current or future 6th, 7th, or 8th grade student attending Deltona Middle School may apply to the STEM Academy. Students will be chosen based on the answers stated below and overall student academic and behavioral performance.

Student Responsibilities: Students will be expected to participate in our annual STEM Showcase, the Amazing Shake, State Digital Tools or Industry Certification test, and completion of 6 volunteer hours.
**If students choose to participate in a competition, they will be required to attend after-school meetings and competition events.

Behavior Expectations: It is a great honor to be accepted into our STEM Academy. Therefore, STEM students are held to a higher level of behavioral expectations. Students are expected to display characteristics of perseverance and grit which will assist them in developing a strong work ethic. Students who exhibit consistent or extreme behavior that prevents those characteristics from being displayed by themselves, or their classmates, will be placed on Academy probation; which may result in the removal from the STEM program.

The Amazing Shake: The Amazing Shake is a competition that all STEM Academy students compete in. The Amazing Shake places an emphasis on teaching students' manners, discipline, respect, and professional conduct. Prior to the competition, students learn the nuances of professional human interaction as they are taught skills such as how to give a proper handshake, how to network, how to give a successful interview, and how to remain composed under pressure. The goal is to develop poised and ready individuals that can present themselves exceptionally well, given any circumstance that may arise, now or in the future.

Person to Contact: Interested applicants should complete the attached document by March 31, 2022 and return it to Mrs. Naylor. Selected applicants will be informed of their status in mid-May.

Costs to Students: The initial financial obligation for students in the program will be **\$40**. That amount will cover the cost of an Academy shirt to be worn on designated school days and to Academy sponsored events. The remaining fee will be used to offset field trip costs, materials, mission fees, and event costs. ****Additional fees may be required if students elect to participate in a particular missions, such as competitions.**

The following questions are to be answered by the applying student:

The STEM Academy is a rigorous hands-on/minds-on program. In the DMS STEM Academy, teachers are *facilitators* that ensure students become **independent learners** with the aim of preparing students for high school and future careers. With that focus in mind, students are required to be the primary active participant in their own learning and education by completing project-based learning activities (missions), which require students to drive their own learning beyond what they have previously been required to do.

- 1. If your teacher was assisting another student, and you reach an obstacle in your mission or assignment (such as not knowing how to complete the next step), describe 3 ways/tools you could use to figure out the next step **without teacher assistance**.

- 2. Do you believe that your previous teacher would recommend you for the STEM Academy? If so, why? If not, how do you plan on ensuring your next year’s teacher would want to recommend you?

- 3. Please feel free to share any additional information that you consider important for us to know for your success in Deltona Middle School STEM Academy.

Competitions

If you are interested in joining one of our competition teams, please fill out the below information. * **Students choosing to join a competition will be given priority.**
Only 45 spots are available. *

I am interested in **Lego Robotics** (\$25 fee in addition to Academy fee; team shirt included).

Yes

No

I am interested in **CyberPatriot** (\$25 fee in addition to Academy fee; team shirt included).

Yes

No

I am interested in **Science Olympiad** (\$25 fee in addition to Academy fee; team shirt included).

Yes

No

Guardian Acknowledgement

I acknowledge that the above responses are in-line with our values, and we will be supportive of Deltona Middle STEM Academy.

Student Signature

Alpha Code

Guardian #1

Guardian #2

Guardian Acknowledgement of Admission

Deltona Middle School's STEM Academy seeks students who have expressed an interest in science, technology, engineering, or mathematics that want to become involved in a rigorous academic environment which emphasizes these subjects. Due to the nature and rigor of the academic content to be delivered, students should have a passion for learning. It is highly recommended that students have solid attendance records with very few absences. Due to this early college model and mastery-based learning system, students will need to demonstrate **persistence** when faced with challenging academic expectations.

I hereby certify that I have read and understand the enrollment and admission guidelines above, including student event attendance requirements, and that this application has been filled out to the best of my knowledge.

Guardian Participation

Deltona Middle School's STEM Academy is a program that stresses self-reliance, self-advocacy, and community. Students who are accepted into the STEM Academy are expected to do more duties and functions than they may have in other academic environments. Cleaning, landscaping, organizing, fundraising, and community service are fundamental aspects of the program. Every individual will have a unique experience while participating in the STEM Academy. **There is a \$40 fee that includes each student's STEM Academy shirt and helps to replenish materials used. Please pay this fee upon acceptance into the STEM Academy. To pay online, please visit: <https://bit.ly/DMSOnlinePayments>**

Signature of student

Date

Printed name of student

Signature of guardian #1

Date

Signature of guardian #2

Date

If accepted, I would like for the Academy elective to take the place of:

_____ PE (PE waiver must be submitted, which may be found at [VCS PE Waiver 21-22](#))

_____ Any of my elective choices