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2021-2022 Middle Grades STEM Academy Student Application Packet

**FREE After School Robotics STEM Academy
Program**

The VISION of Pinellas County Schools Middle Grades STEM programs is to nurture creative thinking in the STEM fields through exploration, inquiry, and collaboration.

*The **FREE** PCS STEM Academy Program offers opportunities to conduct hands-on STEM investigations, learn the engineering design process, improve team building and leadership skills, explore STEM career pathways and interact with community business partners.*

To learn more about the K-12 STEM initiatives and the PCS STEM Academy program, please visit www.pcsb.org/STEM

Deadline to apply: Completed applications are due no later than Friday, 1/28/2022

Who is eligible?

All students in grades 6 through 8 are eligible to apply. We look for students who work hard, have an interest in Robotics STEM concepts. There is no academic performance requirement, however only 25 students can be enrolled into each STEM Academy.

Students **must** complete an application and submit it to the STEM Academy facilitator Mr. Hinderliter-Zamora.

Each STEM Academy can accept up to 25 students. If more than 25 students apply, schools will make every effort to add an additional STEM Academy for those students.

What?

During the FREE STEM Academy Program, students will conduct hands-on activities related to STEM concepts (science, technology, engineering and math), explore careers in STEM, complete STEM engineering design projects, and learn from business and community partners. STEM projects completed by students throughout the year will be displayed during the annual STEM Expo which will be held in May 2022 (time and date to be announced soon). Students may also participate in their school or regional science and engineering fair.

When?

This program will begin during the week of February 1st and will continue through the week ending April 29th. Your child's STEM Academy will meet once per week for 60 minutes after school.

The SMS Robotics STEM Academy at your school will be held on Tuesday afternoon from 4:25-5:30 pm. If this date fills, we may add a second session on Thursday afternoon from 4:25-5:30 pm.

The STEM Academy will be held at Seminole Middle School and transportation **MUST** be provided by the parent/guardian each week. Students will exit from the main office.

Cost?

The PCS Middle Grades STEM program offers the STEM Academy Program at your child's school, **FREE** of charge.

Attendance Requirements

Attendance is a critical component to the success of any program. This is especially true of the middle grades STEM program, which consists of weekly building, coding, completing challenges, and other activities within the engineering design process. Due to overwhelming interest in the STEM Academy Program and the rigor of planned activities, students are expected to attend each session. If a student misses more than 4 **unexcused** sessions, they will be removed from the academy. After 2 unexcused absences, the STEM Academy teacher will send an attendance reminder.

Family Involvement

In May, students enrolled in the STEM Academy Program will receive an invitation to attend and present at the annual FREE STEM Expo that will be held on a Saturday in May. The time, date, and location for this event will be announced soon. This annual event attracts more than 3,200 people every year! More information will be provided to families later in the year.

Additional STEM related events will be shared with you using the email provided on the of application page.

Questions?

If you have questions, please contact the STEM Academy facilitator at your school, Mr. Hinderliter-Zamora at Hinderliter-zamorr@pcsb.org.

Application Process

Fill out the attached application (page 3) and submit it to Mr. Hinderliter-Zamora in the STEM classroom (Room 102) or drop it off with the Secretary in the front office who will then give it to Mr. Hinderliter-Zamora (the STEM Academy facilitator) no later than Friday, January 28, 2022. Please enter information for every area on the application, especially the email section, as this will be used as the main form of communication to receive STEM Academy updates and opportunities.

Deadline to return completed application to school:

No later than Friday, January 28, 2021

Families will be notified of their child's status (accepted or wait list) no later than Tuesday, February 1, 2022.

*FAMILIES KEEP PAGES 1 & 2 AND RETURN PAGE 3 TO YOUR CLASSROOM TEACHER OR THE SECRETARY AT THE FRONT DESK WHO WILL HAND IT IN TO THE SCHOOL'S STEM ACADEMY TEACHER (Mr. Hinderliter-Zamora).

STEM ACADEMY BACKGROUND

Did your child participate in the PCS STEM Academy program during the 2020-2021 school year? YES or NO

Return to Mr. Hinderliter-Zamora, Room 102

If yes, provide the following information:

Grade your child was in last year (20-21): _____

Name of school attended last year (20-21): _____

Name of STEM Academy teacher last year (20-21): _____

2021-2022 GENERAL STUDENT INFORMATION (please print clearly)			
STUDENT NAME (FIRST, LAST)			
HOMEROOM OR 1 ST PERIOD TEACHER'S NAME			
CURRENT GRADE			
HOME ADDRESS: STREET ADDRESS CITY, STATE, ZIP CODE			
STUDENT'S GENDER			
ETHNICITY (OPTIONAL)			
BIRTH DATE (MM/DD/YYYY)			
PARENT/GUARDIAN INFORMATION (please print clearly)			
PRIMARY CONTACT INFORMATION		SECONDARY CONTACT INFORMATION	
PARENT/CAREGIVER NAME		PARENT/CAREGIVER NAME	
RELATIONSHIP TO STUDENT		RELATIONSHIP TO STUDENT	
STREET ADDRESS CITY, STATE, ZIP CODE		STREET ADDRESS CITY, STATE, ZIP CODE	
PHONE NUMBERS	Cell: Home: Work:	PHONE NUMBERS	Cell: Home: Work:
EMAIL ADDRESS <small>*Email addresses will be used to send STEM Academy newsletters and communicate upcoming STEM events.</small>		EMAIL ADDRESS <small>*Email addresses will be used to send STEM Academy newsletters and communicate upcoming STEM events.</small>	
Additional Information (if needed):			

I, _____, hereby give permission for _____
 Parent/Guardian - Print Student's Name - Print

to participate in the 2021-2022 STEM Academy program.

Our STEM Academy teachers are passionate about your child; however, to honor their time (planning, teaching, family obligations) we ask that students arrive **promptly** at the beginning of each STEM Academy's session. After 2 late pick-ups and/or unexcused absences, you will be contacted by the STEM Academy teacher who will provide a reminder that your child will be removed from the program following the 4th late pick-up/unexcused absence and a new student from the wait list will fill his/her spot.

I acknowledge responsibility for providing drop off transportation each week for my child.

 Parent/Guardian Signature

 Date