



WHAT IS STEM?

STEM education is an interdisciplinary approach to learning where rigorous academic concepts are coupled with real-world lessons as students apply science, technology, engineering, and mathematics in contexts that make connections between school, community, work, and the global enterprise enabling the development of STEM literacy and with it the ability to compete in the new economy.

WHAT IS SIEGEL MIDDLE SCHOOL STEM?

Siegel STEM is an enrichment class in the Exploratory Department. Students will be given challenges that are appropriate to their grade level standards. They will solve real world problems using the Engineering Design Process and will be expected to work successfully in small groups and independently.

Siegel STEM students are held to high standards and should maintain above average grades in their academic classes as well as the STEM classroom. STEM students are expected to be leaders within the school building and the community and should be individuals with respectable reputations.

STEM is a semester long class for all three grade levels. Students will be placed into the program from August through December or January through May. All eighth grade STEM students for the 2018-2019 school year will be expected to participate in the RCS STEM Expo during the spring semester.

HOW DO STUDENTS GET INTO THE STEM PROGRAM?

Any student at Siegel Middle School can apply for the STEM program. There are several factors that will be considered when making the 2018-2019 STEM class rosters. Students' math and science state test scores from previous years, students' 2017-2018 attendance record, students' overall academic achievement, and teacher recommendations will all be reviewed.

Applications are due by 3:00 PM on Friday, August 10th.



STEM APPLICATION

PHASE II



SIEGEL MIDDLE SCHOOL

This application is due by 3:00 PM on Friday, August 10th.

Student Name: _____

Please Print Clearly

Grade Level: _____

2018-2019 School Year

What school did you attend for the 2017-2018 school year? _____

What was the name of your Science teacher for the 2017-2018 school year? _____

How would you describe yourself as a Science student?

How would you describe yourself as a Math student?

Why do you feel you would be a good candidate for the STEM program? *Be sure to include any STEM related camps or competitions you have participated in within the last two years.*

Student Signature

Parent Signature

For office use only

Science Score: _____

Number of Absences: _____

Math Score: _____

Recommendation Rating: _____

Academic Rating: _____
