

## 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.

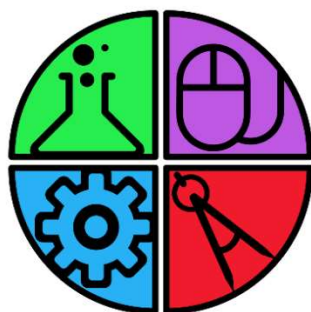
Siegel STEM students are held to high standards and should maintain above average grades in their academic classes as well as the STEM classroom. STEM students are expected to be leaders within the school building and the community and should be individuals with respectable reputations.

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.

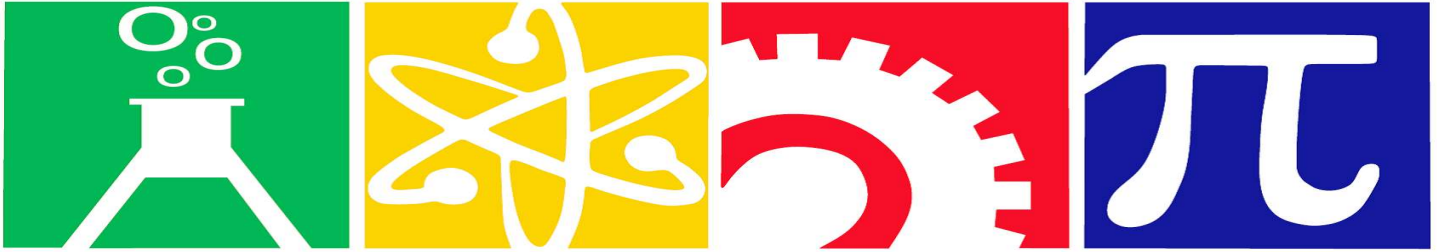
## HOW DO STUDENTS GET INTO THE STEM PROGRAM?

Any student attending Siegel Middle School for the 2018-2019 school year 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 July 20, 2018 and can be dropped off in the front office or the STEM classroom (Room 405A). For any questions about the application process, please feel free to email the STEM instructor at [harrisk@rcschools.net](mailto:harrisk@rcschools.net).



# STEM APPLICATION



## SIEGEL MIDDLE SCHOOL

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?

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How would you describe yourself as a Math student?

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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.*

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Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

*For Office Use ONLY*

Science Score: \_\_\_\_\_

Math Score: \_\_\_\_\_

Academic Rating: \_\_\_\_\_

Number of Absences: \_\_\_\_\_

Recommendation Rating: \_\_\_\_\_

Other: \_\_\_\_\_