

MIDDLETOWN TOWNSHIP PUBLIC SCHOOLS

Middletown High School North
63 Tindall Road
Middletown, NJ 07748
(732) 706-6061

Middletown High School South
900 Nut Swamp Road
Middletown, NJ 07748
(732) 706-6111

STEM PATHWAY APPLICATION

This application should be completed by all current eight and ninth grade students who are considering possibly pursuing further study or a career in a STEM-related field and wish to participate in the STEM Pathway beginning in September 2019.

Purpose of the STEM Pathway: To provide students with the opportunity to concentrate their studies, beyond those required in high school, in the areas of science, technology, engineering, and mathematics. In addition, students will be guided to take advantage of extracurricular activities that will assist them in acquiring the skills necessary to compete in this global society. Such activities may include science fairs, robotic tournaments, engineering competitions, building and creative project clubs, math team, science league, environmental club, computer club, TV Production, STEM-related internships, and more.

Throughout high school, the administration and the guidance department will share opportunities to meet with college representatives, engage with guest speakers and explore internship opportunities in STEM areas. Past speakers include a Google software engineer and a conservation researcher, among many others. Attendance at a minimum of seven out of nine presentations in the first year of participation is required for membership in the STEM Pathway, and a minimum average of a 70 is required to receive an endorsement in the STEM Pathway on your final transcript. Students who are looking for a more rigorous challenge may fulfill the requirements of the “Endorsement with Distinction” version of the Pathway.

E-mail updates are sent to STEM Pathway students and parents regularly through the Naviance System used by the Guidance Department. For the most recent information, please follow us on Twitter (@STEMPathway), and sign up for our Remind texts: @hssSTEM (HSS) and @stempath (HSN).

For further information, please see the STEM Pathway pages in the High School Course Selection Guide located on the district’s website. If you have any questions, please contact one of the directors in charge of the STEM Pathway.

Please return the following application to your Guidance Counselor by April 19, 2019

Sincerely,

John Kerrigan
Director of Mathematics K-12
kerriganj@middletownk12.org
732-706-6061 x1231

Devyn Orozco
Director of Science & Physical Education K-12
orozcod@middletownk12.org
732-706-6111 x2164

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Please return this application to your Guidance Counselor by April 19, 2019.

I, _____, am aware of the requirements for membership in the STEM Pathway and wish to apply to become a STEM Pathway participant. I am also aware that there are two endorsements for the Pathway, Standard and “With Distinction”, and that the endorsement I will receive on my transcript will depend on the requirements I have fulfilled.

Requirements:

- Attend 7 presentations offered during the block 3-4 Advisory period
- Maintain a minimum average of 70 for the Standard Pathway or 80 for the “Endorsement with Distinction”
- Complete 20 credits in Math, 20 credits in Science, and 20 credits in STEM electives

Student’s Name: _____

Grade: _____ Guidance Counselor: _____

Student’s Signature: _____

Student’s Email Address: _____

Parent’s Name: _____

Parent’s Signature: _____ Date : _____

Parent’s Email Address: _____

Parent’s Phone Number: _____