



KCPS STEM Academy
Application Package
2021 - 2022

STUDENT NAME:

Kent County Public Schools

STEM Academy

Dear Parent/Student,

Thank you for your interest in the Science, Technology, Engineering, and Mathematics (STEM) Academy. In this packet, you will find what you will need to submit in order to be considered for enrollment in the STEM Academy. The STEM Academy Admissions Review Team will review all applications.

Directions are printed at the top of each page telling you who should complete that page. You will need to send the completed forms directly to:

Dr. Angela Holocker
Coordinator, Student Services & Instruction
5608 Boundary Avenue
Rock Hall, Maryland 21661

If you have any questions about the STEM Academy and/or the application process, please call or email Dr. Holocker at (410) 778-7167 or aholocker@kent.k12.md.us.

Sincerely,



Angela Holocker, Ed.D.
Chair, KCPS STEM Academy Admissions Review Team

Kent County Public Schools STEM Academy

PART I: STUDENT APPLICATION FORM (TO BE COMPLETED BY PARENT OR STUDENT)

Student Name: _____
Last First M.I.

Current School: _____ Current Grade Level: _____

Birthdate: ____/____/____ Gender: M F
(circle one)

Parent/Guardian Name: _____

Home Address: _____
Street Address Apt. No.
_____ City State Zip Code

Home Phone Number: (____)_____

Parent Work Phone: (____)_____

Parent Cell Phone: (____)_____

I hereby grant permission for my child to apply to the Kent County Public Schools Science, Technology, Engineering, and Mathematics (STEM) Academy.

Parent/Guardian Signature

Date

Parent/Guardian Email

***Email will be used to communicate with parents & guardians about STEM Events, changes in the STEM program, opportunities for STEM students, STEM meetings, etc.**

____ **I am interested in being on the STEM Steering Committee. I understand that this committee meets about every six weeks during the school year and is responsible for guiding the KCPS STEM program.**

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PART II. EXTRACURRICULAR ACTIVITIES AND HONORS
(TO BE COMPLETED BY THE STUDENT)

Career Interests: _____

In the space below, list the Extracurricular Activities in which you participate and any awards or honors you have received (school and/or community).

Examples: Science Fair, Maryland Summer Centers for Gifted and Talented Students, Johns Hopkins Talent Search, Boy/Girl Scouts, sports, service learning activities, and fine arts activities

In one sentence, tell the committee something they should know about you.

In one sentence, tell the committee something that you'd like to improve about yourself.

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PART III: STUDENT ESSAY

Please explain why you want to attend the Kent County Public Schools Science, Technology, Engineering, and Mathematics (STEM) Academy. Attach your essay to this application page. This essay should be between 250 and 500 words. The essay must be typed, Times New Roman size 12 font, and double-spaced. Your name/parent's name should not be mentioned in the essay.

Your response should be a well-developed essay that fulfills the writing purpose. Consider the following as you write:

- What the STEM Academy will mean to you.
- What you can contribute to the STEM Academy.
- What your current academic interests are.
- What your future career interests are.

Top-scoring responses:

- Develop ideas using relevant and complete support and elaboration.
- Use an effective organizational structure.
- Use purposeful word choice.
- Show creativity or risk-taking.
- Have no errors in usage or convention that interfere with meaning.

Handwritten essays will not be accepted.

Note: Once this application has been received at the Board of Education, student recommendation forms will be delivered to mathematics and science teachers and collected from them by guidance counselors for return to the BOE.

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PART IV: SELF-ASSESSMENT FORM (TO BE COMPLETED BY THE STUDENT: NEW APPLICATIONS ONLY)

Directions to the Student: You are applying for admission in the Kent County Public Schools Science, Technology, Engineering, and Mathematics (STEM) Academy. Please mark the box below that best represents your assessment of yourself.

	Almost Always	Often	Occasionally	Rarely	Never
Ease of Learning – I enjoy the challenge of problems, assignments, and issues. I learn quickly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adaptability – I approach ideas and problems from a number of directions. I find alternative means of solving problems. I think about ideas in new ways.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiative and Enthusiasm – I am a highly motivated, independent worker. I seek additional tasks, am intellectually curious, and stay actively engaged in activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Persistence – I stay with tasks and relate progress on tasks to accomplishment of larger goals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability and Integrity – I am scrupulous and punctual in fulfilling obligations. I readily take responsibility.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reasoning – I use logical, analytical reasoning and/or creative, divergent thinking to consider ideas or solve problems. (Originality and elaboration of thinking)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communications – I communicate effectively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Organization – I manage time, resources and materials, meet deadlines, and divide tasks into subtasks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leadership Qualities – I show respect and tolerance of others' views. I am willing to accept the ideas of others and I contribute to the group process. I influence others in a positive manner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Success – I display the ability to succeed in a challenging program.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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PART V: PARENT ASSESSMENT (TO BE COMPLETED BY PARENT: NEW APPLICATIONS ONLY)

Directions to the Parent: Please mark the box below that best represents your assessment of your child. The Parent Recommendation forms can be sent in separately. Please print your child's name at the bottom of each page.

	Almost Always	Often	Occasionally	Rarely	Never
Ease of Learning – Enjoys the challenge of problems, assignments, and issues. Learns quickly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adaptability – Approaches ideas and problems from a number of directions. Finds alternative means of solving problems. Thinks about ideas in new ways.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Initiative and Enthusiasm – Is a highly motivated, independent worker. Seeks additional tasks, is intellectually curious, and stays actively engaged in activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Persistence – Stays with tasks, relates progress on tasks to accomplishment of larger goals.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reliability and Integrity – Is scrupulous and punctual in fulfilling obligations, readily takes responsibility.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reasoning – Uses logical, analytical reasoning and/or creative, divergent thinking to consider ideas or solve problems. (Originality and elaboration of thinking)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Communications – Communicates effectively.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Organization – Manages time, resources and materials, meets deadlines, divides tasks into subtasks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leadership Qualities – Shows respect and tolerance of others' views. Is willing to accept the ideas of others and contributes to the group process. Influences others in a positive manner.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Success – Displays the ability to succeed in a challenging program.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Part VI: PARENT RECOMMENDATION

Please provide any comments that might assist us in determining your child's potential to succeed in the STEM Academy. Please do not include your child's name, but rather use 'my son' or 'my daughter'.

Please tell us how this program will benefit your child.

Relationship to student

Date