

**CHS STEAM PREP**  
**Admissions Application Packet**



**Cartersville High School**  
**STEAM**

**SCIENCE – TECHNOLOGY – ENGINEERING – ARTS – MATHEMATICS**

# CHS STEAM PREP PROGRAM

## Program Description

Cartersville High School STEAM Prep Program is looking for motivated, high-achieving students who are eager to take on academic challenges and explore new ideas. Our programs are tailored for curious students who enjoy problem-solving, are tech-savvy, and can work both independently and collaboratively. If you're ready to push yourself intellectually and grow in a dynamic environment, we want you to be part of this new and exciting program at CHS.

Students seeking acceptance into the STEAM Prep Program should complete this application packet in its entirety and attach all requested documents except for the three teacher recommendations, which will be submitted online by the teacher. **No partial application packets will be accepted. Application packets can be submitted between January 13, 2025 and February 21, 2025.** No late application packets will be received or considered for admission. Applications can be mailed to or dropped off at CHS (see page #7).

**To be considered for admission, a complete application packet must be submitted:**

- ☐ **Completed Admissions Application** - can be found on the Cartersville High School website
- ☐ **Three (3) Short Essay Questions (typed)** - The response must be written solely by the student.
- ☐ **Program Contract** – initialed/signed by the student and a parent/guardian.
- ☐ **Capstone Contract** – initialed/signed by the student and a parent/guardian.
- ☐ **Milestones Scores, Attendance Report, Discipline Report, Report Card Review** – CHS will obtain these records for all applicants to be reviewed by the committee. Students are NOT required to request these documents from their current school.
- ☐ **Submit Admissions Application Packet**, in its entirety, to the STEAM Prep Program at CHS between January 13 – February 21, 2025.
- ☐ **Student Interviews – to be scheduled after February 21.**  
Please be prepared to answer the following questions in your interview:
  - Tell us about a time when you had to solve a complex problem with limited resources. How did you approach the challenge? What did you learn from the experience?
  - Describe an instance when you handled differences in opinion or conflict when working with others on a team project? What role did you play and how did you contribute to the success of the project?
  - STEAM is about thinking outside the box. Can you give an example of a time you approached a problem differently from others? What form of technology, tools, or software did you use to complete the project? How did it enhance your final product?

# CHS STEAM PREP PROGRAM



## CARTERSVILLE HIGH SCHOOL STEAM PREP PROGRAM APPLICATION

### STUDENT INFORMATION

Last Name:		First Name:		Student ID#:
Date of Birth:	Age:	Gender: Female • Male •		
Home Phone:		Home Email:		
Street Address:			City:	
State:	ZIP Code:			

### CURRENT SCHOOL INFORMATION

Current School:			School Phone:	
Street Address:			School Fax:	
City:	State:	Zip Code:	School Type: Public • Private •	

### PARENT/GUARDIAN INFORMATION

Parent/Guardian Name:			Parent/Guardian Name:		
Legal Guardian: Y • N •			Legal Guardian: Y • N •		
Street Address:			Street Address:		
City:	State:	Zip:	City:	State:	Zip:
Parent/Guardian E-Mail:			Parent/Guardian E-mail:		
Home Phone:	Cell Phone:		Home Phone:	Cell Phone:	
Work Phone:			Work Phone:		

### RECOMMENDATIONS

Each application must include three recommendations along with completed application, which must include one recommendation from the applicant's current 8<sup>th</sup> grade math teacher, one from the current 8<sup>th</sup> grade science teacher, and one from a current middle school teacher of choice. Recommendations must be submitted online by each teacher. A request for letters will be emailed to the teachers from CHS. List the three recommenders in the space below.

Teacher's Name:	E-mail:	Subject Taught:
Teacher's Name:	E-mail:	Subject Taught:
Teacher's Name:	E-mail:	Subject Taught:

### PARENT/GUARDIAN PERMISSION AND SIGNATURES

I hereby submit this application on behalf of my child to be considered for admission into the Cartersville High School STEAM Prep Program and give my permission for school officials to request and report my child's academic records as required. I understand that the screening committee will maintain the teacher information and test results in confidence. I also waive the right to access all recommendations.

Signature of Student Applicant:	Date:
Signature of Parent/Guardian:	Date:

# CHS STEAM PREP PROGRAM

## Short Essay Questions

**Directions:** Choose 3 of the prompts below and write 250 – 350 words per prompt.

**These responses must be the original work of the student. AI generated material is NOT original work. The submitted document must be typed in MLA format.**

1. The STEAM Prep is designed for students interested in math, science, engineering, fine arts, and/or healthcare. What aspects of these subjects are you interested in and why? Include personal examples and anecdotes to support each part of your answer.
2. What is a problem in our community that needs to be addressed and how would you solve it? Using the CHS STEAM Problem Solving Approach (Ask, Imagine, Plan, Create, Improve, and Share), identify the problem, consider potential solutions, and design something that would serve to remedy or solve the issue/problem.
3. Many of our common household items can be reused and re-purposed. Imagine that you have an empty milk jug. What could you make with this item? How could you reuse it for a new purpose?
4. Draw a sketch of a machine that you think would help your classroom. Now, explain in writing how your machine would be built and also how it would work.
5. Some adults like to claim that video games are a waste of time and energy, but many students feel that they learn valuable lessons and develop important skills while gaming. Do you feel video games are valuable? What have you learned while playing your favorite games?
6. You have been given the choice by your teacher to write code for a phone APP or design a new form of AI technology. Which do you choose? Why?
7. Given the choice, would you write a song, a poem, or computer code? Explain why.



# CHS STEAM PREP PROGRAM

## Program Contract for Students and Parents

**Name of Student:** \_\_\_\_\_ **Application for School Year 2025-2026**

Cartersville High School STEAM Prep Program is a college preparatory program for students interested in healthcare, science, technology, and engineering. The standards and expectations for attending the school are detailed in specific conduct and academic achievement guidelines. These standards and expectations are outlined in this contract.

**Please read carefully. The student and parent/guardian must initial each expectation and sign below.**

- | <u>Student</u><br><u>Initials</u> | <u>Parent</u><br><u>Initials</u> |   |
|-----------------------------------|----------------------------------|---|
| _____                             | _____                            | 1. I will cooperate with the faculty and staff of Cartersville High School, my peers, liaison personnel, and community partners by respectfully conducting myself.  |
| _____                             | _____                            | 2. I will attend school daily, arrive promptly, and remain throughout the scheduled hours.  |
| _____                             | _____                            | 3. I will complete all classwork, homework, and assignments to meet standards.  |
| _____                             | _____                            | 4. I will complete my program of study. I will set aside a minimum of 1-2 hours of uninterrupted study time daily.  |
| _____                             | _____                            | 5. I will maintain a minimum grade of 75 (unweighted) for AP and Honors courses and a minimum grade of 80 in all other courses. Grades will be monitored and analyzed throughout the grading period. Failure to meet this criterion will result in probation for up to three consecutive semesters, and if not corrected, may require reassignment to general academic classes. |
| _____                             | _____                            | 6. I will respect and care for all equipment, supplies, and other school property entrusted to me and pay for any damages or loss.  |
| _____                             | _____                            | 7. I will maintain the highest standards of honesty and integrity and will abide by the rules and regulations outlined in the CHS Student Handbook of student conduct and discipline.   |
| _____                             | _____                            | 8. I will take all required math and science courses at CHS. Dual enrollment courses may be taken for social studies and English courses.   |
| _____                             | _____                            | 9. I will adhere to the policies of the Georgia High School Association for competitive activities.   |
| _____                             | _____                            | 10. I will not seek readmission into the CHS STEAM Prep Program if I am withdrawn for any reason.   |
| _____                             | _____                            | 11. I will adhere to the policies, rules, and guidelines of both Cartersville High School and its community partners.   |
| _____                             | _____                            | 12. I will actively participate in the Career Tech Student Organization (CTSO) associated with my chosen career pathway and school.   |

Attending the Cartersville High School STEAM Prep Program is a privilege that requires personal responsibility, commitment, and dedication from both the student and their parents. By signing this contract, I acknowledge and agree to the standards and expectations outlined. If any of these criteria are not met, the student may be reassigned to general academic courses. This contract will remain in effect for as long as the student participates in the program.

**Signature of Student Applicant:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature of Parent/Guardian:** \_\_\_\_\_ **Date:** \_\_\_\_\_

# CHS STEAM PREP PROGRAM

## Capstone Contract with Standards and Expectations

### CAPSTONE EXPECTATION

Accreditation for STEAM certification requires all students to complete a Capstone project. Students in the CHS STEAM Prep Program will complete a research-based Capstone project during their eleventh-grade year, which culminates in a final presentation of their Capstone project to a panel of community judges. The Capstone project is a requirement to earn the STEAM seal and stole for graduation.

### MISSION AND OVERVIEW

The Capstone Project is designed to equip STEAM students with the skills needed for lifelong learning and active, productive citizenship. It provides students with the opportunity to plan, complete, and present a self-directed culminating project. Capstone projects are interdisciplinary, requiring students to apply knowledge and skills from various subject areas while showcasing key aspects of their K-12 learning. This experience encourages students to think critically, solve complex problems, and develop essential skills such as public speaking, research, media literacy, teamwork, planning, self-sufficiency, and goal setting skills that will prepare them for success in college and future careers.

### STANDARDS AND SKILLS

The STEAM Prep Capstone Project requires students to demonstrate core standards and skills, which include:

1. Thinking critically and creatively
2. Demonstrating flexibility and initiative
3. Conducting analysis and research, including proper citation of references
4. Communicating ideas through multiple modalities
5. Using technology effectively

### PROCESS

Students who choose to fulfill their final English credit through AP English Literature and Composition will complete their Capstone project as part of that class. Students opting for the dual enrollment program will complete their Capstone project as an independent study. This will involve meeting with the teacher facilitator during office hours, completing all Capstone assignments by the same deadlines as the AP Literature students, and presenting their Capstone project to a panel of community judges during the Capstone event, either in December or May. As the Capstone is a requirement of the STEAM Prep Program, students who do not complete the Capstone Project and all its components will not receive the STEAM Prep seal or stole at graduation.

### CAPSTONE ACKNOWLEDGEMENT

I understand that the Capstone project is a requirement to earn the STEAM Prep seal and stole for graduation and that I cannot graduate with Prep program honors without completion of this culminating project.

**Signature of Student Applicant:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature of Parent/Guardian:** \_\_\_\_\_ **Date:** \_\_\_\_\_



# CHS STEAM PREP PROGRAM

Please return this application packet to:

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## **Cartersville High School**

STEAM Prep Program

Attn: STEAM Coordinator, Mrs. Kenya Rowser

320 E. Church Street

Cartersville, GA 30120

## **APPLICATION DEADLINE:**

All applications must be received or postmarked by

**Friday, February 21, 2025 at 11:59 p.m.**