

# Greenbrier Computer Science



## **Where we've been**

Greenbrier schools started a program in 2015 to address the importance of teaching our students skills to give them an academic and professional advantage growing up in a digital age. This was the first year that Computer Science was offered to students in grades 10-12. The focus of this program was to build the students' skills in problem solving, collaboration, and programming as well as exposing students to other concepts and careers in the field of Computer Science. When we first started in 2015, we had 66 students in the program.

## **Where we are**

For the first time this year, Computer Science was opened up for 9th graders to enroll. This along with growth in grades 10-12 have brought our total number of students up to 97 in Computer Science across the district. We also implemented a Computer Science Club for any students that were interested so we could show them what the program is all about. At the same time, work was done at all previous grade levels, K-8, to embed Computer Science standards in the curriculum. We are extremely proud of the success many students have shown so far. We've seen success in state coding competitions, AP Computer Science test scores, and 9 students so far who have gone on to study Computer Science/Related Field as their major at universities across the state.

## **Where we are heading**

We have plans to extend our course offerings next year for the first time since we started the program. We have 2 teachers that are certified to teach Computer Science, and will be offering Advanced Information Security along with higher level Computer Science courses (Computer Science 3&4) with an emphasis in programming. Because of this, we have over 200 students that have signed up to take a Computer Science course in the 2019-2020 school year. We are very proud of the continued growth and success of our students. We plan to continue the work needed to implement more areas of focus in the program such as networking, mobile app development, and robotics.

## Internship Opportunities

As we start to see more students starting Computer Science earlier, we are also seeing an opportunity for our highest skilled students to take advantage of internships as a senior in high school. We want to hear from the community and make partnerships that will give us the resources needed to provide students this invaluable career experience. Students will be able to log hours of experience that will go toward graduation credit and have the advantage of experience going into their field of study. If you would like more information regarding the Greenbrier Computer Science Program or our plans for future internships, please contact us. We would love to hear from you!



## Contact Information

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