

## STEM Marin

Novato Unified School District  
**San Marin High School**

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[stemmarin.weebly.com](http://stemmarin.weebly.com)

Located on the San Marin High School campus, the STEM Marin (Science, Technology, Engineering, and Math) program offers a challenging, comprehensive, college-prep high school experience highlighting science, technology, engineering, and math curriculum. Project-based learning and use of technology are key instructional strategies integrated into the curriculum. As a small learning community, STEM Marin focuses on developing strong relationships between staff, students, and parents. This makes it possible to offer personalized, hands-on, individual assistance and support to our students. When students apply to STEM Marin, they are choosing to enroll in an alternative educational setting and committing to high personal and academic expectations.

The focus of STEM Marin is to give students a comprehensive and rigorous science, math, and engineering education by preparing them for university study and future careers in these areas. The program uses project-based, technology-focused curriculum that allows for students to develop their critical thinking skills through experimentation and real-world problem solving. Additional focus is on collaborative group-work, communicating ideas verbally, in writing, through technology, creativity, and innovation.

The STEM Marin community promotes high expectations for academic excellence through six tenets. Student achievement is accomplished through innovative, powerful project-based teaching and learning of the standards-based, integrated curriculum in a safe and caring learning community. Students are empowered to manage their learning through the use of technology tools. Work-based learning opportunities such as job shadowing and internships provide meaningful learning experiences that validate the rigor and relevance of the STEM Marin program. Innovative instructional strategies are personalized and differentiated based on the learning styles of the student. Students learn to manage resources such as people, time, and materials. After acquiring knowledge, students are assessed using multiple measures which help guide staff in supporting student achievement. This assessment includes public exhibitions of student projects. Standards-aligned research-based instructional strategies are the focal point of SMHS' STEM Marin program professional development activities.



The STEM Marin community believes that students should develop Learning and Innovation skills, Digital Literacy skills, and Career and Life skills. These skills are developed through authentic learning, mental model building, Internal motivation, Multi-modal learning, Social learning, and International learning.

STEM Marin has a phenomenal staff and addresses a national need for innovative STEM curriculum that engages students in a meaningful way. STEM Marin makes a difference!