RIVERDALE HIGH SCHOOL

Technology Subject Brief

Staff Members

- Adam McLain
- Harold Sun (Robotics)

The Design Tech department equips students with practical technical expertise through courses in computer programming, web development, robotics, 3D modeling, and cybersecurity. Emphasizing iterative design and real-world problem-solving, the curriculum prepares students to create functional digital and physical solutions while exploring technology career pathways. Robotics is also offered as a club for interested students.

9th Grade

- **Tech Survey**
  How do foundational technical skills and exposure to diverse technologies empower us to solve problems, express creativity, and navigate the modern digital world?

11th/12th Grade International Baccalaureate Diploma Program

- **IB Computer Science**

Riverdale Electives: Current & Historic

- **CAD and 3D Printing**
- **Computer Programming**
- **Computer Science Principles**
- **Exploratory Adventures**
- **Game Design**
- **Mobile Apps**
- **Modeling and Animation**
- **Robotics**
- **Tech for a Better World**
- **Web Design**
- **And more…**