

MVCS Club's Competition Division

The MVCS Club's Competition Division is a fun computer science program for **anyone** (9th-12th graders) who would like to participate in an international computer science contest. In this program, there will be lectures, presentations, hands-on group activities, and independent practice for learning various concepts that are found in the contest. **Computers** will not be used, as this contest will be based on theoretical and analytical computer science. While there are many sites and books that teach programming and application development, our group will focus on teaching students about the mathematics involved in the computer science fundamentals. We will be covering computer number systems, Boolean algebra, data structures, graph theory, recursive functions and much more!

As mentioned before, this contest is open to students from all grades. It consists of a selection of non-programming problems. If you want to learn more about the specific details of this club, please come to the meetings on **Thursdays at lunch, in room E201.**