SENIOR CAPSTONE PROJECT DESCRIPTION

The senior capstone project involves a finished product that is based out of scientific research and design. Students will generate research ideas and select a topic where they can complete a project using experimental research and design components. Their topic will reflect their academic interests in science. Furthermore, students will have to do some background research and write a scientific hypothesis. From their data, they will use descriptive statistics or inferential statistics, and they will need to use graphical representations to display their data. After they complete their project, they must display their work to be judged. In addition, they will need to enter a minimum of two competitions to defend their project.