

## **STEM Focused Co-Curricular Activities**

*Drone Flight:* Students have the opportunity to fly drone missions, discuss drone flight and curriculum at conferences, and participate in an annual drone race competition.

*Robotics:* Students have the opportunity to participate in Robotics competitions four to five times per academic year. They also have an opportunity to make public presentations and demonstrations on each year's robot.

*Welding:* Students have the opportunity to weld for the public in the welding shop and remotely. Students may also compete in FFA and 4-H welding competitions.

*Animal Science:* Students have the opportunity to participate in FFA and 4-H livestock judging, animal science, and other competitions. They also have the opportunity to observe live veterinary procedures on a regular basis.

*Laboratory Techniques:* Students have the opportunity to learn scientific and technical education with a strong emphasis on development of practical skills for the bioscience workplace. Our students learn the techniques they use in their own research projects, allowing students to perform every aspect of the experiment including preparation, planning, performance, waste disposal and analysis.