

GASCAP Grant for Arduino  
Awarded to Tim Wojciechowski

Through the use of the GASCAP Grant, students learned first hand the basic principles of circuits, electronics, and programming. Once proficient in basic principles, the students then applied their knowledge to build simple, series, and parallel circuits.

In addition to making circuits, students worked in teams to complete various activities such as creating mini-functional circuits that perform basic tasks such as a simple circuit, a circuit with a button, and a circuit that required coding to function as desired. Throughout the projects, students were charged with the task of observing and reflecting on successes and failures along with identifying and carrying out modifications to projects to make them successful.

