Construction & Design Academy

Construction & Design Academy Overview

The Construction & Design Academy offers a unique environment that encourages students to push the creative boundaries of design. This academy emphasizes in-depth exploration of individual design and technology disciplines. This academy encourages communication and collaboration amongst peers and professionals. Further, this academy is designed to foster the true innovation that comes from combining the mind of the scientist or technologist with that of an artist or designer. Students will be prepared to be the next generation of innovators.

Students who participate in this academy will be taking classes that stress conceptual thinking, design excellence, intellectual curiosity and creative expression through their foundations curriculum. Further concentration in specific skill development through elective course offerings or pocket academies will provide students with the knowledge and skills to navigate future challenges successfully and find success in their careers.

Academy Structure

The Construction & Design Academy will be one of three optional academies at Benson High School Magnet. Students can option into the Construction & Design Academy at any point, including their 9th grade year. Students who elect to participate in the Construction & Design Academy will be choosing to take a curriculum program that teaches design thinking in an interdisciplinary environment that makes sense of the world for the benefit of the public.

The curriculum for this academy was developed by building on the existing strong courses available to students in the BEST (Benson Electrical Systems Technology) program, Computer Graphics, Art, and Robotics; the Construction & Design Academy marries the built environment with artistic design. This Academy will be the first in the state to provide The CAD Academy, a sequence of courses which will prepare individuals for careers including architecture, design, construction, manufacturing, engineering, fashion design and product development. The Construction & Design Academy provides students with four pathway options; Benson Electrical Systems Technology, Construction Management, The CAD Academy, Design.