



2020-2021 Middle School *Skills to Build / Carpentry* Progression of Courses

8109350
6th, 7th, 8th Grade
Skills to Build 1
Introduction to
Architecture and
Construction

Do you enjoy working with your hands--learning by doing? If so, this course is for you. In Skills to Build 1, students will have the opportunity to work with their hands as they learn the art of the construction industry. Equipment safety and the construction process provides students with foundational knowledge of the industry. Students will have the opportunity to work with their hands as they work on tangible projects while gaining industry skills.



8130300
7th, 8th Grade
Skills to Build 2
Fundamentals of
Architecture and
Construction
Prerequisite: 8109350

Skills to Build 2 allows students to continue building their skills in the world of construction. Students will build upon the techniques and skills learned in the previous course in the fundamentals of construction, safety, tools, and math, all through hands-on learning. Students will also develop leadership skills by working cooperatively with their peers in the class. Reading blueprints, designing, building projects, testing scale model structures and working with projects will help students understand all aspects of the construction industry.



8104310
8th & 9th -12th Grade
Skills to Build 3
Carpentry
Fundamentals
High School Course
4.5 weighted credit
Prerequisite: 8130300

Skills to Build 3 is a foundational high school course that prepares students for any career in the field of construction. It prepares the student for the basic knowledge to function safely on or around a construction site and in the industry in general. Safety obligations of workers, supervisors, and managers to ensure a safe workplace is included in the basic OSHA 10-hour safety standards certification portion of the course. Participating in full-sized carpentry projects will provide students with real-world carpentry skills. Students will gain the knowledge and skillset to succeed in this rapidly changing work force.