



Makerspace Activities—Middle & High School

The best makerspaces encourage students to adopt a hands-on approach to creation, invention and discovery. Whether your makerspace is implemented in a media center, common area or classroom, these DIY-focused, collaborative workspaces should be designed with flexibility in mind, since they often accommodate a variety of grade levels, subjects, activities and tools. When students have access to an area that promotes self-directed learning, they control their own discovery process, strengthen their real-world skills and build self-confidence.

Requirements for a Makerspace

For **students**, the makerspace should incorporate collaborative tables and flexible seating that easily accommodates group projects. Mobile storage units make accessing supplies simple, since they can be wheeled directly to student work areas.

For **teachers**, the makerspace should be equipped with mobile writing surfaces where they can present notes or instructions. Open walkways allow teachers to move from one group to another for mentoring. Spacious storage units keep the area organized.

For **administrators**, the makerspace should be equipped with furniture that meets the goals for the space. All products must be available as soon as they are needed and delivered on time. Installations must be quick and efficient.

Makerspace Solutions from School Outfitters

School Outfitters' research and development team designed a makerspace area that caters to the needs of students and teachers alike. Our carefully selected furnishings provide everything students need to complete hands-on, group projects. **Building areas, breakout areas and storage areas** make it simple to create a great makerspace.

Building areas are designed to accommodate larger maker projects. These areas include:

- **Large collaborative tables**
- **Mobile seating**
- **Mobile dry erase easels**

Large collaborative tables give students the spacious work areas they need to work on engineering or robot projects, maker kits and more. A lightweight design makes these tables easy to push together for larger projects or discussion sessions.

Mobile seating lets students easily arrange themselves into configurations that best suit the work to be done on their projects.

Mobile dry erase easels can be rolled to workstations, so students can brainstorm and capture ideas on the fly. Two writing surfaces let students write down ideas or present information. Easels can also be used to section off workspaces if needed.

Breakout areas are inviting spaces for small group discussions, project planning sessions or research. These areas include:

- **Planning tables**
- **Mobile seating**
- **Mobile dry erase easels**

Planning tables feature spacious tabletops that accommodate devices, books and research materials. Rolling casters make them easy to move or arrange into groups when needed.

Mobile seating can be rolled into groups for breakout sessions.

Mobile dry erase easels can be used for brainstorming or planning projects, and the double-sided design allows multiple students to work at once. It can also be used to section off the breakout area.

Storage areas keep maker components, kits and other supplies organized and easy to find. These areas include:

- **Mobile bin storage**
- **Shelving units**
- **Lockable storage**

Mobile bin storage can be rolled directly to student work areas, making distribution and collection of supplies easy. Bins make it simple to locate materials, and they can be completely removed from the unit for use at workstations. Large and small bin sizes accommodate a variety of storage needs.

Shelving units hold large projects, tools and materials. When items are stored in a consistent spot, students can easily identify and locate what they need.

Lockable storage secures tools that may require teacher supervision. It also secures valuable materials or supplies overnight.

Choosing your Makerspace Solution

School Outfitters makes it simple to outfit your school's individual study area. Choose the option that best fits your budget and needs and get an itemized quote with just one click, including all three of our specially-designed solutions. Our helpful sales representatives are happy to answer any questions about our solutions and how you can put them to use in your school. Just give us a call 1-800-260-2776.