About this space

Early Learning Classroom—STEM

The Need for STEM Classrooms

Early learning STEM classrooms emphasize observations and experiments that spark curiosity as children make discoveries. An early learning makerspace should be outfitted for multiple purposes, including building tasks, drawing work, sensory play, simple science and robotics, and more. Workspaces need to include furnishings such as mobile tables, lightweight seating and other items that are flexible enough to allow students to easily arrange themselves in groups as needed. Spacious work areas are necessary for spreading out STEM and maker project materials.

Requirements for a Great STEM Classroom

For **students**, the STEM classroom should include spacious tabletops and active seating options to allow students to easily spread out materials, draw up ideas, run simple robots and collaborate. Storage underneath tables offers quick access to items students need.

For **teachers,** the best STEM classroom features furnishings with a low profile, to ensure all children can be seen at all times, no matter where they are in the room. Teachers should be able to easily move between maker stations as they observe children or oversee lessons and activities. Shelving, carts and locking storage units keep classroom materials organized and out of reach.

For **administrators,** the STEM classroom will be furnished with items that help achieve the goal for the space. They need to know that all products are available at the time they are needed and that their order will arrive correctly and on time. Installations must be quick and efficient.

STEM Classroom Solutions from School Outfitters

The School Outfitters team designed a STEM classroom with furnishings that encourage students to actively participate in STEM and maker activities. The **Building Area**, **Tech Area**, and **Teacher Equipment Area** are designed to work together to create a stimulating environment that's perfect for early learners.

The **Building Area** gives early learners a place to experiment with manipulatives, building kits, blocks or early learning STEM kits. This area includes:

- **Building table**
- **Stools**
- **Collaborative tables**
- **Soft seating**
- **Rug**

The **building table** seats several students at once for collaborative STEM projects or maker activities.

Stools give children sturdy seating that allows them to freely shift positions as they work.

Collaborative tables can be used individually for small group work or arranged in pods to accommodate larger projects. Laminate desktops easily wipe clean so they're sure to look great for years.

Soft seating provides an additional seating option for children who prefer a padded seat.

A classroom **rug** completes the area and provides a soft space for children who prefer to sit on the floor.

The **Tech Area** accommodates early learning lessons that incorporate educational software or devices. This area includes the following:

- **Computer table**
- **Stools**
- **Mobile bin storage**

Computer tables give students a place to work with educational software or apps on devices or desktops. Wire management systems keep messy cables out of the way.

Stools give children sturdy seating that allows them to freely shift positions as they work.

Mobile bin storage makes distributing and collecting supplies simple, since the unit can be wheeled directly to student work areas. The bins can also be completely removed from the cart for use at STEM tables or learning stations.

The **Teacher Equipment Area** gives educators everything they need to stay organized and comfortable in the classroom. It includes:

- **Storage cabinet**
- **Mobile teacher desk**
- **Mobile teacher chair**

A **lockable storage cabinet** secures devices or other materials that may require teacher supervision. Locking items away also reduces distractions by keeping tools, supplies and projects out of view. Teachers may also opt to use this cabinet for securing personal belongings.

The **mobile teacher desk** features rolling casters, so it can be moved around the room and used as a demonstration surface. It also provides teachers with a personal space to store belongings or work on lesson plans.

The **mobile teacher chair** gives educators a comfortable seat that can be wheeled around to student groups for mentoring.

Choosing Your STEM Classroom Solution

School Outfitters makes it simple to outfit a classroom designed specifically for maker and STEM activities. Choose the option that best fits your budget and needs, and with just one click, you get an itemized quote for this classroom, including all three of our specially-designed stations. Our helpful representatives are happy to answer any questions about our stations and how you can put them to use in your early learning STEM classroom. Just give us a call 1-800-260-2776.