



muzo Learning Landscapes

ROBOTICS LAB DESIGN

Why a Robotics Lab?

Aside from developing crucial problem-solving skills, robotics can also be an excellent activity for stimulating creativity and a curious mind. In a similar vein to LEGO and Meccano, robotics gives children a toolkit and challenges them to build something new.

With a basic understanding of robotics, there are so many avenues to explore and discover. A well designed Robotic Lab/Classroom gives children the perfect environment to stretch their creative muscles, especially if they are already inclined to building things or show a great deal of curiosity in how things work.

When it comes to robotics labs, the size of your equipment determines your space needs, however a typical lab includes space for small demonstration robots and an adjacent classroom. There is no difference between learning to program a demonstration robot or a full-size robotics arm; so many schools choose the smaller robots to save space and money.



127 - Robotics Lab



Release The Power Of Your Space Via Mobility

Mobility isn't the first word that comes to mind when thinking of robots, but flexible design strategies are an important part of any robotics lab. Flexible & multifunctional tables such as MUZO Kite Folding tables or Versatilis fixed frame tables feature unique MUZO Dual lock caster technology that enables easy reconfiguration. If space is limited these tables, available at a multitude of heights, can be folded or moved to release space for playing with or testing Robots.

By releasing space a mini Robot Wars style "Xbrick Arena" can be instantly created with the Xbricks used as tiered seating. Xbrick matches that Lego toolkit concept and adds a further experiential dimension within the space. Xbrick is a simple stool, podium or step that also connects with the Xconnector to create variable Learning Landscapes anywhere, in an instant, indoors or outdoors.

Wallspace can also be flexible - Use inspiring images on the walls via MUZO PXL Visual Magnetics! Our stunning wall art visual display system will make your inspiring images pop. When you need to refresh the message we simply print new images and you swap out the art in seconds.





Products

Xbrick



Modular brick

Mbob



Swivel chair

Kite®



Mobile folding table

Stash



Mobile storage

PXL



Magnetic wall art

Kwikpak



Portable power unit

