Sprout Space™ is a healthy, sustainable, and flexible modular 21st century classroom. Sprout Space™ is the first high-performance modular classroom designed by school experts.

- It is fast to deploy and is completely customizable as either a permanent or temporary classroom. While designing the space, a conscious effort was made to select healthy building materials, provide ample amounts of daylight to the interior of the space, and increase ventilation.

- Numerous design features such as sun shades, integrated rainwater collection, photovoltaic roof panels, LED lighting coupled with lighting controls, efficient heating and cooling systems, and eco-friendly materials make Sprout Space an excellent example of passive and active green building strategies. These strategies help it operate as a net-zero energy building with the eventual goal to provide an energy independent classroom.

- Designed with 21st century students and teaching in mind, Sprout Space’s design is extremely adaptable. It allows for various teaching styles, classroom arrangements, impromptu collaboration, and outdoor learning. The building construction is also flexible, allowing multiple Sprout Space classrooms to be linked together to create an entire school.

Design Completion Date: June, 2012 and on going
Construction Completion Date: February 1, 2013
Construction Cost: $150,000
Program Area: 1,008 GSF for single classroom

Design Awards: Architecture For Humanity, 2009 Open Architecture Challenge: Design the classroom of the future Relocatable Classroom Design Winner, IIDA The Year In Review, Influential Projects of 2009,

DLF Peer Review: No Date of Peer Review: NA

Principal:

Design Team: Concept Design: Allen Post, Jack Allen, John Poelker, Erika Morgan
Realized Design: Allen Post, Joe Jamgochian, Amy Sickeler, David Sheehan

Project Management Team: Allen Post

Press:

**ENERGY**
- Designed EUI: 6.47 Kwh/sqft
- Total EUI Reduction: 30-100%
- Meets 2030 Challenge: Yes

**WATER**
- Designed WUI: 1960 gal/yr
- WUI Reduction: 36% to 100%
- Meets PW Water Target: Yes

**MATERIALS**
- Meets Low Emitting Materials?: Yes
- Conducted Precautionary List Review?: Yes
LAYOUT OPTIONS

Eight classroom option

Twelve classroom option
FABRICATION
DELIVERY PROCESS
NATIONAL BUILDING MUSEUM- NORTH ELEVATION
OUTDOOR CLASSROOM