

## **Design a Play Structure**

Workshop Curriculum

Architectural Design for Real!

Design a play structure that will be able to be built! By learning new skills, such as drawing to scale, using architectural tools & building models, this workshop introduces students to what architects do.

Five years ago, middle school students participated in similar a workshop, also taught by Wendy Prellwitz, to design a backyard structure, which was built in the ABC children's outdoor play space named Fort Agassiz. This year, we will design a play structure, as an addition to that one.

Some of the class process will include:

Client interview (children's program director and staff) to learn what is desired and needed, research other play structures (and visit if time), understand safety requirements, practice fundamentals of architectural drawing to scale with T-square and triangles followed by drawing individual designs; learn basic model-making skills, and build models, to scale. Visit an architectural office (if time)

After working on individual design solutions, students will collaborate on one final design and model, using the best concepts from all designs, and present it to the client and guests.

The intention is to follow up with development of a budget and construction process for the final design; once we have a clearer picture of resources needed, we will present the project to the ABC board and pursue fundraising to build.