Let's Learn About
Cool Women Who Design Structures

Architecture is all about planning, designing, and building structures like houses and buildings. Architects decide how a building should look, what materials to use, and how to make sure it's strong and safe. Learn about Patricia Galván, AIA, Farida Abu-Bakare and Maia Small—three awesome women architects, who design everything from science labs to city spaces.

Architecture: Cool Women Who Design Structures
By Elizabeth Schmermund, readers 9-12

90 MINUTES		
	Reading	15
	Presentation	15
	Activity	60

California Architectural FOUNDATION
AIA California

Lesson supported by:
ordiz melby architects
a professional corporation

Build a Structure Inspired by the Book!

Materials

Ask participants to save and bring cleaned, recycled items they have on-hand and add cardboard, cardstock, aluminum foil, pipe cleaners, popsicle sticks, glue sticks, tape, yarn, paper, etc. to add to increase creativity.

Steps

1 Break participants into small groups (3-6 depending on size of group).

2 Give each group 5 minutes to brainstorm what they will be build. Prompt them to consider shape, texture, materials and function. How would the featured architect or architectural concept apply to their design?

3 Allow groups access to the materials and start building either individually or as a group. (20-30 minutes).

4 Reflect on the build. Use suggestions or do your own!

Reflection Suggestions

- Ask participants to share their build with group. What do they love about it? What was challenging?

- Display the finished builds together. Reflect on the differences in approaches and materials.

- Ask participants to share their inspiration for their build. How did they apply it to their design?

- Select a build and sketch it on paper from a chosen point of view (side,top, front). How did drawing reveal its design?

credit: Christopher Garcia