

# Pop-Up Green Dream Houses



## Project Overview

### Visual Arts, mixed media

Third and fourth grades split

Using what they know about green architecture, students will envision new technologies that could solve critical environmental issues in the future. Students will create a pop-up model of their building with emphasis on foreground, middle-ground and background in conjunction with the California State Standards for Third Grade in the Visual Arts. Students will also be encouraged to reflect upon the Studio Habits of Mind.

This lesson focused on middle ground, background and foreground.  
This lesson also integrates literacy and science.

### California Content Standards for Third Grade

#### Visual and Performing Arts – Visual Arts

##### Artistic Perception

1.3 Identify and describe how foreground, middle ground, and background are used to create the illusion of space.

1.5 Identify and describe elements of art in works of art, emphasizing line, color, shape/ form, texture, space, and value.

##### Creative Expression

2.1 Explore ideas for art in a personal sketchbook.

2.3 Paint or draw a landscape, seascape, or cityscape that shows the illusion of space.

##### Aesthetic Valuing

4.2 Identify successful and less successful compositional and expressive qualities of their own works of art and describe what might be done to improve them.

##### Connections, Relationships, Applications

5.4 Describe how artists (e.g., architects, book illustrators, muralists, industrial designers) have affected people's lives.

#### Science

##### Physical Sciences

1a. Students know energy comes from the Sun to Earth in the form of light.

1c. Students know machines and living things convert stored energy to motion and heat.

2a. Students know sunlight can be blocked to create shadows.

##### Life Sciences

3c. Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial.

**Earth Sciences**

4e. Students know the position of the Sun in the sky changes during the course of the day and from season to season.

**English-Language Arts****Reading**

1.5 Demonstrate knowledge of levels of specificity among grade-appropriate words and explain the importance of these relations (e.g., dog/mammal/animal/living things).

2.2 Ask questions and support answers by connecting prior knowledge with literal information found in, and inferred from, the text.

2.6 Extract appropriate and significant information from the text, including problems and solutions.

**Writing**

1.1 Create a single paragraph: a. Develop a topic sentence. b. Include simple supporting facts and details.

**Listening & Speaking**

1.8 Clarify and enhance oral presentations through the use of appropriate props (e.g., objects, pictures, charts).

**Project Goals**

Students will understand the importance of sustainability and why architects are designing green housing.