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Art Teacher Grades K-6  
Lesson intended for 4-6

This lesson will focus on architecture as an art form. It will be used during March is Reading month to go along with our theme "Building Better Readers." Architecture and building were chosen because our building is currently under construction.

### Curriculum Benchmarks

Art benchmarks:

Apply knowledge of how visual characteristics and organizational principles communicate ideas.

Use technology as a tool for creative expression.

NETS benchmarks:

Students use technology to enhance learning, increase productivity, and promote creativity.

Students use productivity tools to collaborate in constructing technology-enhanced models, prepare publications, and produce other works.

Students use technology to locate, evaluate, and collect information from a variety of sources.

### Materials/Hardware/Software

Drawing Paper 12"x18"	Pencils	Colored Pencils
Rulers	Erasers	Old Blueprints
Printer	Computer	
Kid Pix (The Learning Company)		
Website: <a href="http://www.greatbuildings.com">www.greatbuildings.com</a>		
Building Worksheet		
Observation Checklist	Self Assessment	

### Teacher Preparation

Research architecture sites on the web.

Sign out computer lab for two or three class sessions,

Software is currently installed in lab, make sure it is running properly.

Establish computer lab rules.

A list of buildings and structures for students to look at on web.

Ask for an aid/assistant in the lab.

## **Student Preparation**

Students need to know computer lab rules.

Students need to know how to navigate on the internet and chosen site.

Students need to know how to use and read a ruler.

Students need to know how to use Kid Pix tools.

## **Activities**

First class period:

Teacher will introduce architecture. Discuss computer lab rules and expected behavior. Demonstrate use of chosen website. Assign partners and building they will look at. In the lab, students will analyze their building. They will develop a list of descriptive words for the types of lines they see, shapes in the architecture, textures – wood, stone, glass, brick, cement, etc., and colors on the building. They will also describe what the building is/was used for and who the architect was. Each group will share their information with the class.

Second class period:

Teacher will point out that buildings and structures begin as ideas that are drawn by architects. These designs are called blueprints. Architects draw all sides of the building showing all aspects of the form, including the floor plan. A floor plan is a view of the building from above looking down – bird's eye view. Show actual blueprints to groups of four. Point out scale, windows, doors. Using a ruler, students will draw all sides of their own building. Then they will color them with colored pencils.

Third class period:

Review lab rules and expectations. In the computer lab, students will work in their assigned group of two to design a floor plan for their building using Kid Pix. They may use stickers, paint, etc. to complete their drawing.

## **Assessment/Evaluation**

Observation Checklist

Self Assessment

## **Follow Up Activities**

Students could design the exterior of their building using Kid Pix.

Students could build a 3-D model of their building.

Name \_\_\_\_\_

Name \_\_\_\_\_

## About Our Building

The name of our building is

The architect who designed it was

This building is or was used for

We see these kinds of lines in this building:

These shapes are in or on this building:

It has these textures on it:

These colors were used on this building:

# Observational Checklist

Name \_\_\_\_\_

Criteria \_\_\_\_\_ 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_

Uses internet to look at assigned Building. \_\_\_\_\_

Contributes to About Our Building Worksheet. \_\_\_\_\_

Participates in looking at blueprints. \_\_\_\_\_

Attempts to draw own architectural Structure. \_\_\_\_\_

Uses ruler. \_\_\_\_\_

Uses Kid Pix to create an original Floor plan. \_\_\_\_\_

Name \_\_\_\_\_

## About My Project

Describe your building.

What did you learn by doing this project?

Who was in your group?  
How did this work for you?