DESIGN CLUB!

DAY 2 BUILDING STYLES
VOCABULARY

ARCHITECTURAL VIEWS

**Elevation views** allow architects to show the building from just one side.

**Section views** show the view of one side of a building with one wall removed, so viewers can see the building’s interior.

**Plan views** offer a bird’s eye view of one level of a building.
ARCHITECTURAL STYLES

**Beaux-Arts** (BOZEAr) describes buildings that were inspired by ancient Greco-Roman architecture. Think *symmetry, columns*, and *pediments*!

The London House, the Art Institute, and the Museum of Science and Industry are all examples of Beaux-Arts buildings in Chicago.

**Art Deco** architecture was popular in the 1920s and 30s. This architectural style emphasizes *verticality* (height) and geometric patterns.

Chicago has important Art Deco buildings like Merchandise Mart, the Carbide & Carbon Building, and the Chicago Board of Trade Building.
ARCHITECTURAL STYLES

Modern buildings, like those designed by Mies van der Rohe, reject the applied ornamentation of the other two styles. They emphasize volume instead of mass, and make use of elegant building materials, like steel and glass.

You can find lots of Modern buildings around Chicago, like Federal Plaza and the Equitable Building.

To explore more building styles, check out the CAC’s Buildings of Chicago page!
WARM-UP

BELL PEPPER VIEWS

In Day 1 you became familiar with the Design Process, and you explored places that you and other people live in. You completed the first two steps of the Design Process, working towards designing and building a new residential building for you and the people around you.

For today’s warm-up, grab your bell pepper (or other fruit/veggie), a pencil, and some paper for sketching.
WARM-UP

BELL PEPPER VIEWS

- Watch a tutorial of this warm-up activity on YouTube.

- Draw an elevation view of your bell pepper. What does it look like from the side?

- Ask an adult to help you cut the top part of the pepper around the middle. Draw what the pepper looks like from the top. This is your pepper’s plan view.

- Ask an adult to help you cut the pepper in half from top to bottom. Make a section view sketch of the pepper, drawing what it looks like from the side.

- Be sure to label the different parts of the pepper (flesh, seeds, stem, etc.)
Now that you’ve practiced sketching different views of your pepper, it’s time to think about the new residential building you’re designing and move on to Step 3 of the Design Process.
STEP 3: BRAINSTORM & ANALYZE IDEAS

Refer to the questions and observations from Day 1, and check out Buildings of Chicago on Architecture.org for inspiration to make your own designs for a residential building. Think about the following questions:

• Where can I find the entrance? How large are the windows?
• Does it feel like a tall building or a wide building? What is it made of?
• What building style do you like the best? What do you like about it? What would you do differently?
• What building style do you like the least? What would make it better? What should stay the same?
• What makes a building attractive to you?
• What should the overall shape of the building be? Is it a tall and thin building? Is it short and wide? Is it tall and wide? (like the Merchandise Mart!)
STEP 3: BRAINSTORM & ANALYZE IDEAS

ELEVATION VIEWS

Start sketching! Think about the overall shape of your building and start with an elevation view. How tall will it be? How many stories?

Think about how wide it’ll be. How much space on the block will your building take up?
STEP 3: BRAINSTORM & ANALYZE IDEAS

PLAN VIEWS

Next, think about the interior of the building and draw a plan view. How will you arrange the rooms? Where will people sleep? Where will they eat? Most importantly, where are the bathrooms? Label entrances and exits, windows, and different rooms.

For an extra challenge, work on a section view, too, and draw the side of the building with one wall missing!
Step 3 (Brainstorming) is one of the Design Process’ most important steps. It’s the step where you get to be as creative as you want!

Once you’ve finished your first set of elevation and plan sketches, get started on a second set! A third! A fourth! Make as many versions of your ideas as you can. Our first idea is not always the winner, so it’s important to get a few down on paper so you can find a favorite.

On Day 3, you will move on to Step 4 of the Design Process, building a model. Make sure you choose your favorite set of sketches and begin planning the materials you’ll use to bring it to life.