



Virtual Learning

The Architectural Design Process:
Conceptual Design Pt. 2

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Architectural Drafting

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Lesson: **April 23, 2020**

Objective/Learning Target:

Students will learn about and put into practice the conceptual design phase of the architectural design process



Bell Ringer:

Watch the video linked below and follow along practicing drawing straight lines freehand without a ruler.

<https://www.youtube.com/watch?v=GFs0-mRWUyA>



Let's get started:

The next step in the conceptual design phase would be preliminary sketch plans. Use your bubble diagrams to begin defining the major elements of your design. These sketches are still vague but are used to establish the outlines of needed spaces and refine the relationships between them.

A **floor plan** is a type of drawing that shows you the layout of a home or property from above. **Floor plans** typically illustrate the location of walls, windows, doors, and stairs, as well as fixed installations such as bathroom fixtures, kitchen cabinetry, and appliances.

www.roomsketcher.com

Watch this video to see a good example of floor plan in development:

<https://www.youtube.com/watch?v=R7YxG4nsqeg&t=16s>

Practice:

Using the previously drawn bubble diagram create a preliminary floor plan sketch of your home. Your sketch should include:

- All spaces in your home (approximately to scale)
- Circulation patterns
- Relationships between the different spaces
- Labels
- Basic doors and windows





Additional Resources:

Review the following videos for additional information on architectural sketching and drawing:

<https://www.youtube.com/watch?v=24rnfO8s0hU>

https://www.youtube.com/watch?v=YYW7exK_ml8

<https://www.youtube.com/watch?v=GFs0-mRWUyA>