



Virtual Learning

The Architectural Design Process:

Conceptual Design Pt. 1

April 22, 2020



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Lesson: April 22, 2020

Objective/Learning Target:

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



Bell Ringer:

Write for three minutes and answer the following question:
In your opinion, what should the major factor in planning or siting a residential structure? Please defend your answer.



Let's get started:

After the client interview and programming phase is complete, and you have a good understanding of what is going to be required in your design, the Conceptual Design phase begins. Start by creating bubble diagrams of possible solutions.

“The **bubble diagram** is a freehand diagrammatic drawing made by architects and interior designers to be used for space planning and organization at the preliminary phase of the design process. The **bubble diagram** is important because later phases of the design process are based on them.

Apr 9, 2017 Study.com

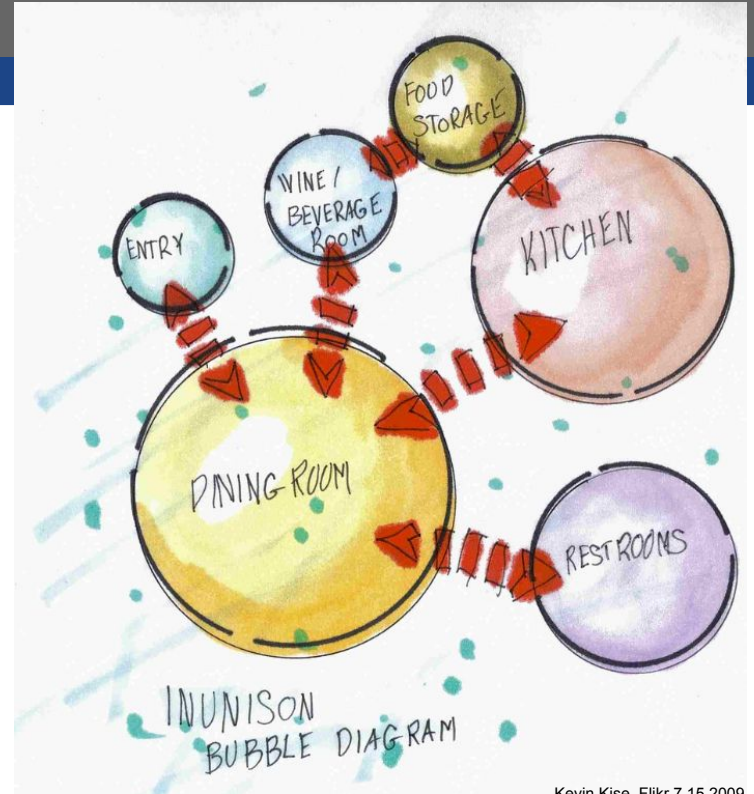
Watch this video to see a good example of a quick basic residential bubble diagram:

<https://www.youtube.com/watch?v=vPObx-bCX5s>

Practice:

Now that you have a basic understanding of the bubble diagram, create one for your own home. Your diagram should include:

- All spaces in your home
- Appropriately sized bubbles
- Color
- Circulation patterns
- Relationships between the different spaces
- Labels





Additional Resources:

Bubble diagrams are an excellent way to organize many different types of information. Review the following videos for additional information:

https://www.youtube.com/watch?v=f_cuoh0C1QU

<https://www.youtube.com/watch?v=qbtuz7VL3sc>

<https://www.youtube.com/watch?v=7LWQiR--fEo>