



Engineering

Career Explorations: Architect

May 8, 2020



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Lesson: May 8, 2020

Objective/Learning Target:

Students will explore Architecture as a career path.



What do they do?

Architects design a wide variety of buildings and structures, including houses, hospitals, government buildings and more. Architects are concerned with functionality, safety, practicality, legal issues and aesthetics in a building's design. They often partake in every part of the building process - from conception to construction - to ensure a satisfactory result. Many work very long hours as deadlines approach.



What skills do they need?

Architects need strong communication, analytical, critical-thinking, organizational, visualization, and artistic skills. They also must be proficient with specialized tools and technology.



Watch the video:

How to Become an Architect

After watching the video, answer the following questions in your engineer's notebook or on a piece of notebook paper. You may need to utilize additional resources to fully answer the questions (remember to cite your sources).



Questions

1. What are the main job responsibilities of an architect?
2. What is the average salary of an architect (use the most current information you can find)?
3. What is the job outlook for an architect in Kansas City? Is the number of architects needed going to increase or decrease in the future?
4. Are there different types of architects? List a few of your favorites.
5. What types of activities could an architect expect to do on a daily basis?
6. What aspect of architecture do you find most interesting? Why?
7. What does a person need to do to become an architect?



Additional Resources

<https://medium.com/@KSSarchitects/5-things-to-know-when-considering-a-career-in-architecture-dece615f60df>

<https://thebestschools.org/careers/architecture-careers/>

<https://www.thebalancecareers.com/building-a-career-in-architecture-524863>

<https://www.archdaily.com/798632/21-careers-you-can-pursue-with-a-degree-in-architecture>