Explore Architecture
What is Architecture

The art or practice of designing and constructing buildings.
An Architect Is…

Someone who is specifically trained and licensed to work on the planning and design of buildings.
SKILLS NEEDED

- Design Thinking
- STEAM
- Sketching / Drawing
- Organization
- Communication - Verbal and Visual
DESIGN THINKING

Process:

1. Identify Problem
2. Constraints Established
3. Brainstorm and discussion
4. Feedback
5. Refinement and testing
6. Solution Discovered

Design is never a linear process. It is an endless pursuit of research, analysis, and exploration.
Design is the creative side of STEAM which is very technically focused.
A building begins with an idea or a problem which the architect works to design a solution for. It starts with an idea, develops through iterations, detailed in construction plans and results in a building after construction.
PROGRAMMING

Research • Gather Info • Summarize

CONCEPT & IDEAS

The programming or the pre-design phase, is about problem-seeking. During this phase, the scope is determined for the work to be designed.
SCHEMATIC DESIGN

Form • Function • Choices

SPATIAL PLANNING

During the schematic design phase, the basic form of the building starts to take shape.
DESIGN DEVELOPMENT

Develop • Guide • Enhance

DECIDING ON THE DETAILS

The design development phase builds on the basic idea from schematic design and begins to refine and enhance the project.
CONSTRUCTION DOCUMENTS

Details • Refine • Collaborate

DETAILING TO BUILD

This phase is about preparing detailed drawings of the project and coordinating with multiple team members. These drawings will be used to build the project on-site.
BIDDING

Cost • Estimates • Dollars & Cents

PAYING FOR IT

This phase breaks the project into pieces that can be estimated and a cost can be applied to the project. This cost can range depending on the market at the time.
CONSTRUCTION ADMINISTRATION

Review • Observe • Build

OBSERVING CONSTRUCTION
This is where the project goes from a drawing to a real building. The architect ensures the built project matches the design drawings.
DAY IN THE LIFE

Design buildings and spaces
Present ideas to clients
Collaborate with consultants
Oversee construction

As an Architect, you will literally shape the way the designed world evolves.
PATH TO BECOMING AN ARCHITECT

01 Education
Finish School

02 Experience
Architectural Experience Program (AXP)

03 Exams
Pass all 6 = Get Licensed
WHAT CAN YOU DO NOW?

Be Curious!
Keep learning and asking questions.

Visit an Architect.
Tour buildings with them.

Explore.
Check out your city!
Closing

Are you interested in learning more?

PLEASE CONTACT:
AIA Kansas City
education@aiakc.org
816.221.3485

NOMA Kansas City
secretary.nomakc@gmail.com