



# Explore Architecture



# What is Architecture

The art or practice  
of designing and  
constructing  
buildings.





# What Does an Architect Do?

**Designs buildings and spaces where people live, work, play and learn!**

## **Skills Needed:**

Design Thinking

STEAM

Sketching/Drawing

Organization

Public Speaking



# WHAT IS DESIGN THINKING?

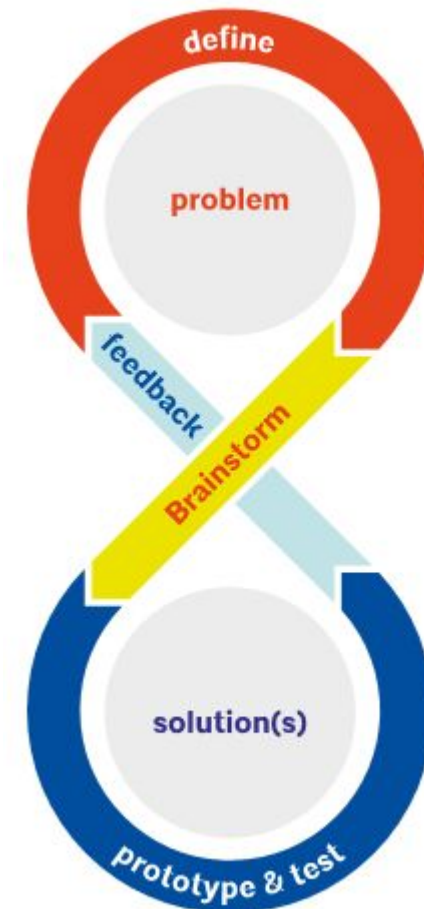
Who are you designing for?

What are you designing?

Design Ideas - Be Creative!

Does your idea work?

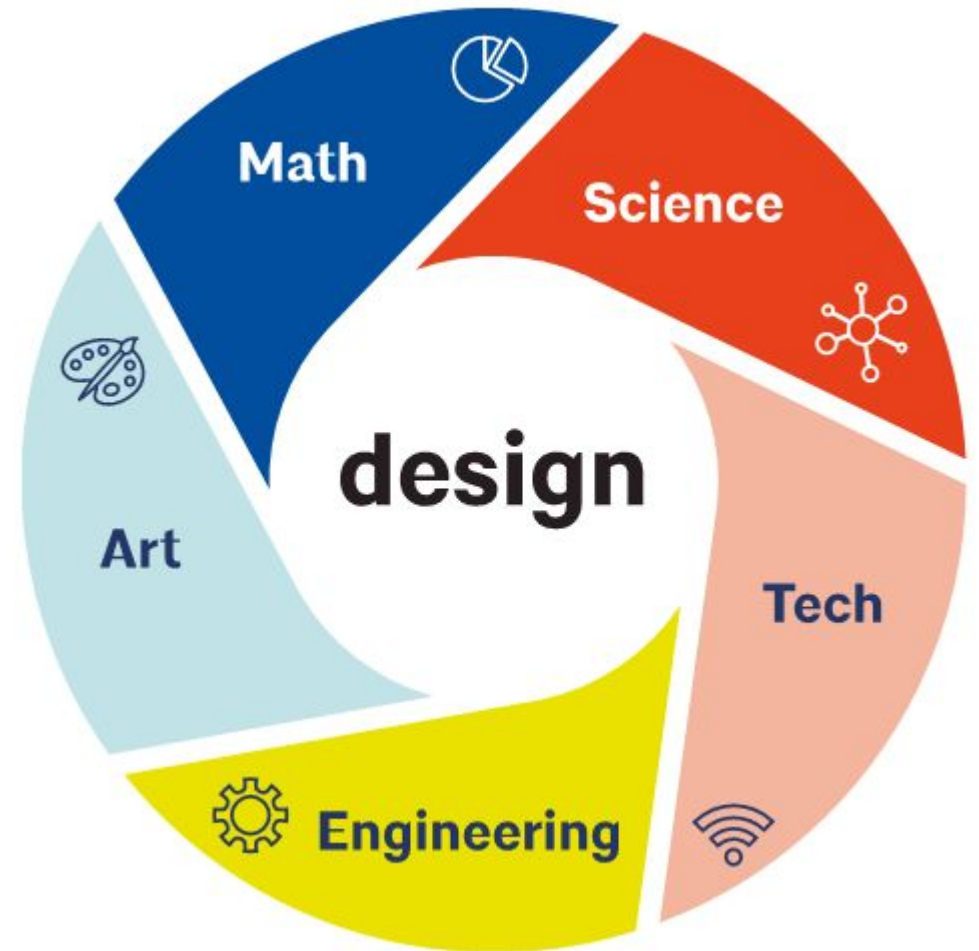
Allow yourself to try again



# STEAM

STEAM stands for science, technology, engineering, arts and mathematics.

STEAM focuses on sparking imagination and creativity through the arts in ways that naturally align with STEM learning





# STAGES OF DESIGN



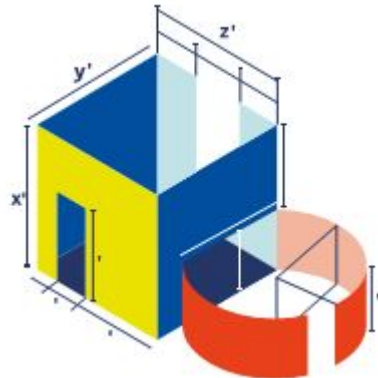
**PROGRAMMING**



**SCHEMATIC DESIGN**



**DESIGN DEVELOPMENT**

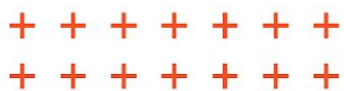


**CONSTRUCTION  
DOCUMENTS**



**CONSTRUCTION  
ADMINISTRATION**

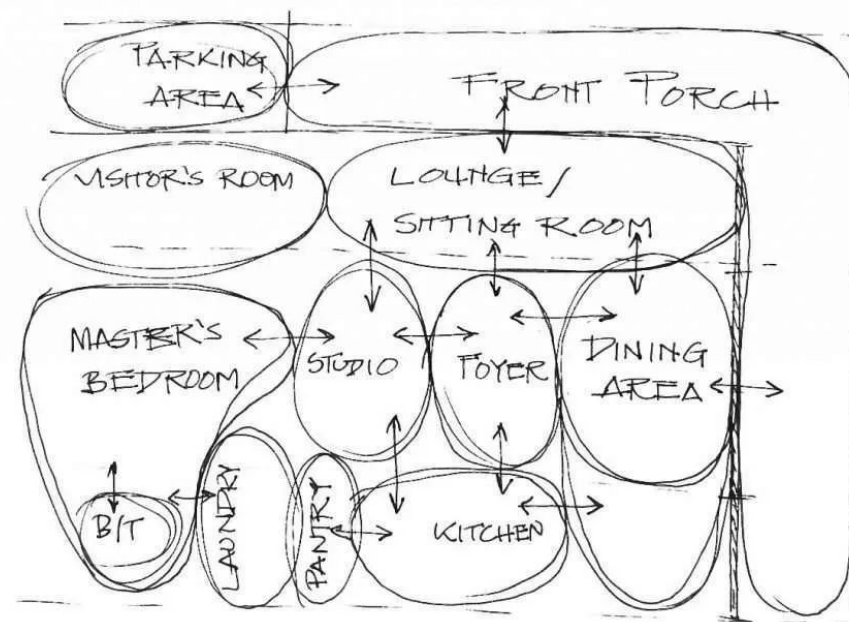




# STEP 1: PROGRAMMING

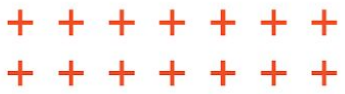
**WHAT ARE THE SPACES NEEDED  
AND HOW BIG ARE THEY?**

**WHAT ARE THE CLIENT GOALS  
AND HOW DO WE MEET THEM?**



*Think: Research, Gather Information, Summarize*





# STEP 2: SCHEMATIC DESIGN

**HOW THE SPACES FIT  
TOGETHER**

**ARE WE DESIGNING WHAT  
THE CLIENT ASKED FOR**



*Think: Form, Function, Choices*





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# STEP 3: DESIGN DEVELOPMENT

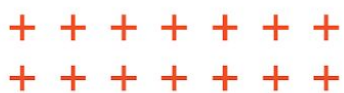
**DESIGN DECISIONS START TO  
GET FINALIZED**

**COORDINATION WITH OTHER  
TEAM MEMBERS IS KEY HERE**



*Think: Develop, Guide, Enhance*

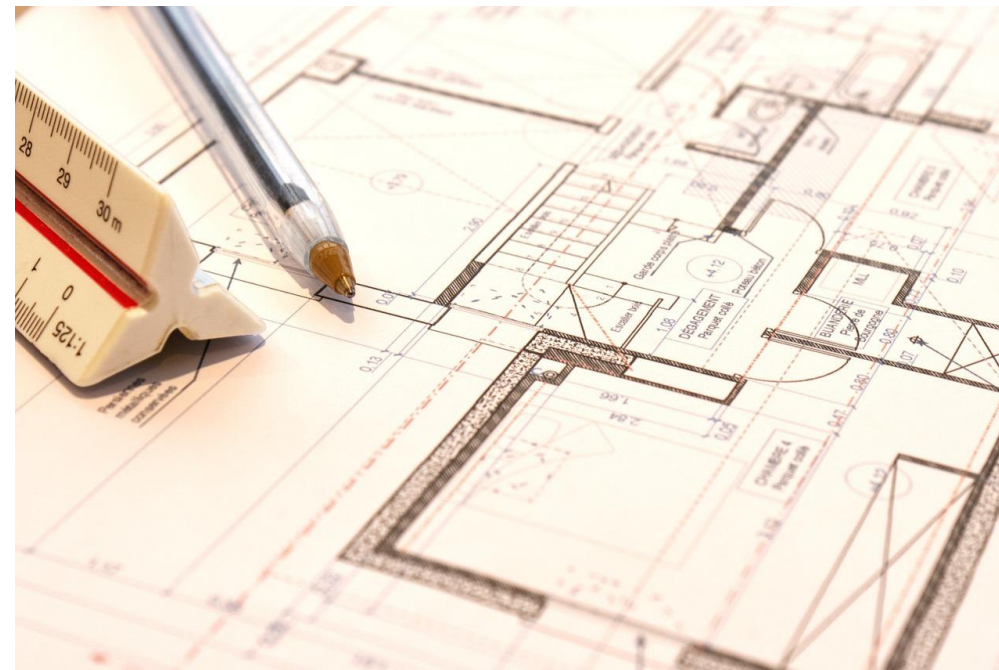
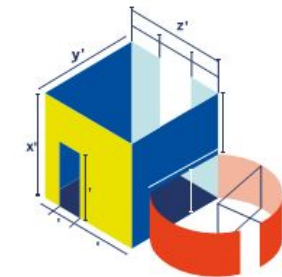




# STEP 4: CONSTRUCTION DOCUMENTS

**FINAL STEP IN THE DESIGN  
PROCESS STAGE**

**HOW IS THE BUILDING  
ACTUALLY GETTING BUILT**



*Think: Details, Refine, Collaborate*





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# STEP 5: CONSTRUCTION ADMINISTRATION



**THE DESIGN IS DONE AND  
READY TO BE BUILT**

**WE MAKE SURE THE BUILDING  
MATCHES THE DRAWINGS**



*Think: Review, Observe, Build*





# DAY IN THE LIFE

**Design Buildings**

**Presents ideas**

**Works with others**

**Oversees construction**

*Architects have the power to change  
the world we live in*



# PATH TO BECOMING AN ARCHITECT

## ATTEND AN ACCREDITED UNIVERSITY

### OPTION 1

#### 5 YEAR PROGRAM

5 year program, typically done in 1 university, results in 1 degree



### OPTION 2

#### 4+2 YEAR PROGRAM

6 year program, can be done in 1 or 2 universities, undergraduate degree typically not accredited

***Both of these tracks lead to the same result: an accredited architecture degree, the choice of which is up to YOU***

***Check [www.naab.org](http://www.naab.org) for the list of accredited program***





# PATH TO BECOMING AN ARCHITECT

## PROFESSIONAL EXPERIENCE

### Experience

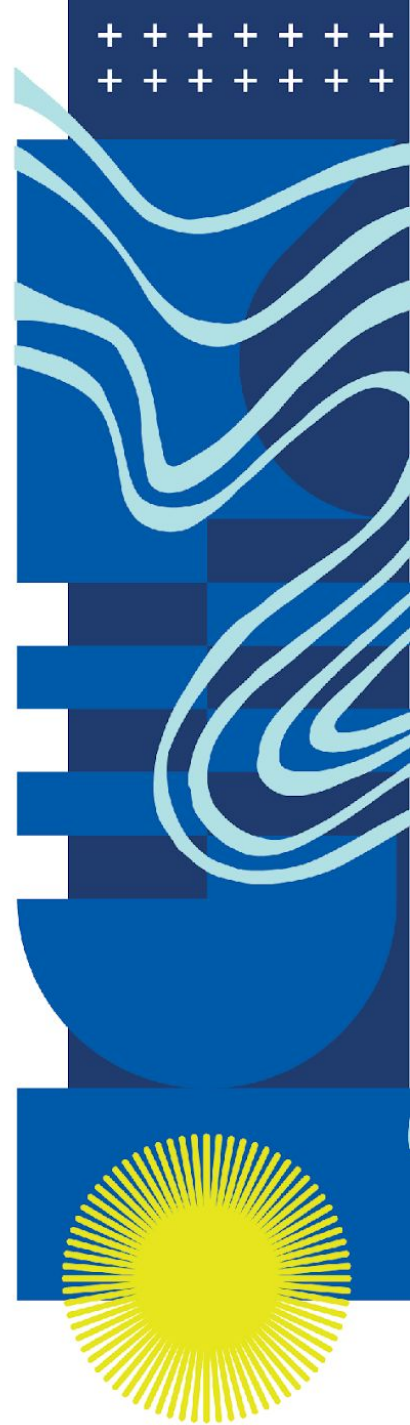
Architectural Experience  
Program (AXP)

This could be done through internships  
and full time jobs



### Exams

In order to achieve licensure, architects  
must pass 6 design exams after graduation





# Quick Facts

## How much does an architect make?

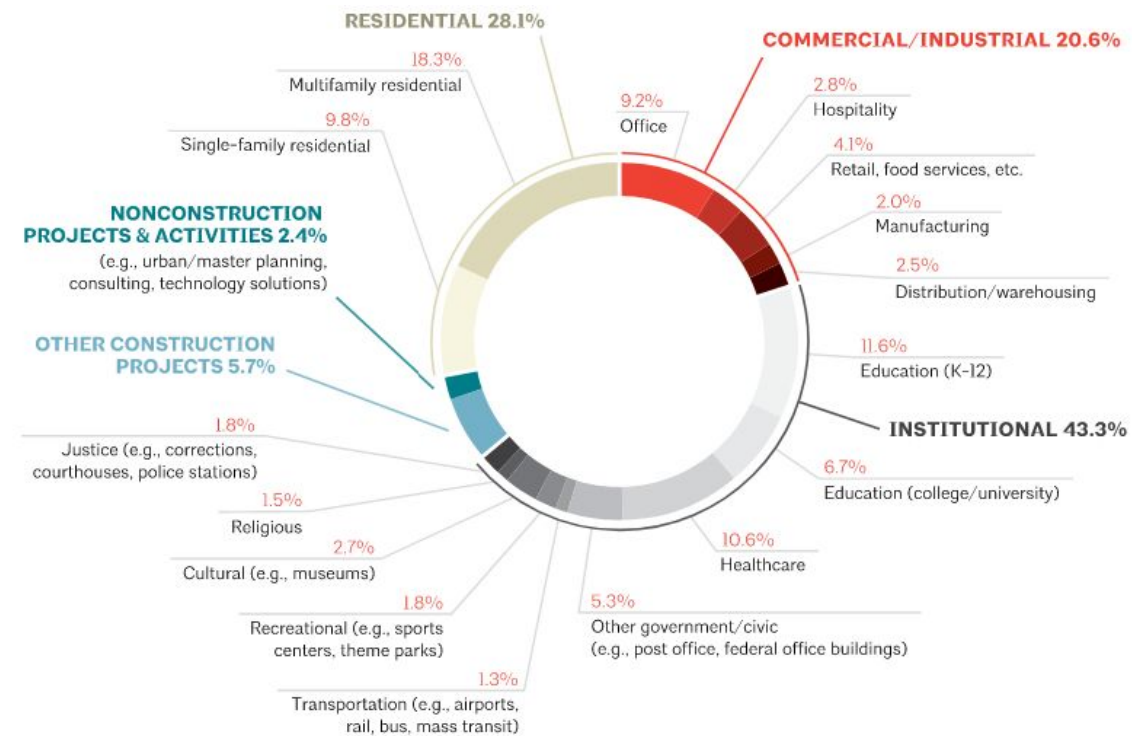
The average salary right out of college is around \$55,000. Check out <https://info.aia.org/salary/> for more info!

## What type of work do architects do?

Everything! This chart shows all the different project types an architect can do

## How big are architecture firms?

Architecture firms come in all sizes! From 1 person to 400!



# WHAT CAN YOU DO NOW?

## Be Curious!

Keep learning and asking questions.  
Take classes in school that help you  
think creatively

## Explore!

Check out your city! Use our  
guide on the AIA KC website to  
learn more about the architecture  
in and around the city

## Visit an Architect!

Tour buildings with them,  
learn what their day to  
day looks like



*Scan this QR code to  
learn more about AIA  
KC, the 17th largest  
AIA chapter in the  
United States!*

# Closing

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Are you interested in learning more?

**PLEASE CONTACT:**

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**816.221.3485**

**NOMA Kansas City**

**secretary.nomakc@gmail.com**