

# Bee an Architect



# Activity & Coloring Book

# Meet Bee an Architect!

Learn more about what architects do and the tools they use with this engaging activity and coloring book.

**We all use architecture, every day. It is found where we live, learn, work, worship, and play.**

## Future Architects have...

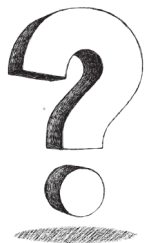
A fascination for blocks, building kits, inventions, and a curiosity for how mechanical objects and structures work. They are often makers, team players, and care about their surroundings.

### Q: What is an architect?

A: Architects are problem solvers and forward-thinkers. They combine their imagination and art, along with science, technology, engineering, and math (STEM) to design projects.

### Q: What does an architect do?

A: Architects are people just like you who design buildings and other structures. They also lead a team of collaborators including the owner, engineers, builders, and many others to create a piece of history.



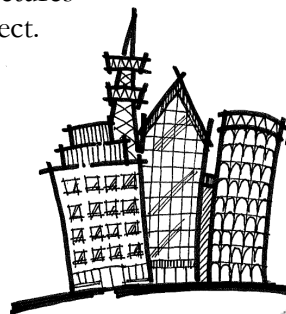
### Q: What is architecture?

A: A blend of art, science, and the practice of designing the built environment. It is all around us. Look around you, most likely the building you are in or the structures that you see were designed by an architect.

### Q: What does architecture do?

A: Architecture shelters us, keeps us safe from natural disasters, addresses changes in our climate, and impacts the way we live each day.

*Becoming an architect allows individuals to positively impact society, shape their communities, build a better future, impact human-health, and make a difference in others.*



**The American Institute of Architects, Honolulu Chapter**  
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Illustrations by Azusa Allard, AIA



# Bee an Architect often works in an office designing buildings.

Draw a line from the names of the architectural tools to the items on Bee's desk.



Marker

Architectural Scale

Pencil

Sketch Book

Tracing Paper

Mouse

Computer

Lamp



**A honeycomb is made of several hexagons. This shape is one of the strongest structures used in architecture.**

Help Bee find the materials needed to design and build a project by searching for the words listed below within the honeycomb.

BRICK

BUILDING

DOOR

FLOOR

LIGHT

ROOF

SOIL

STONE

WALL

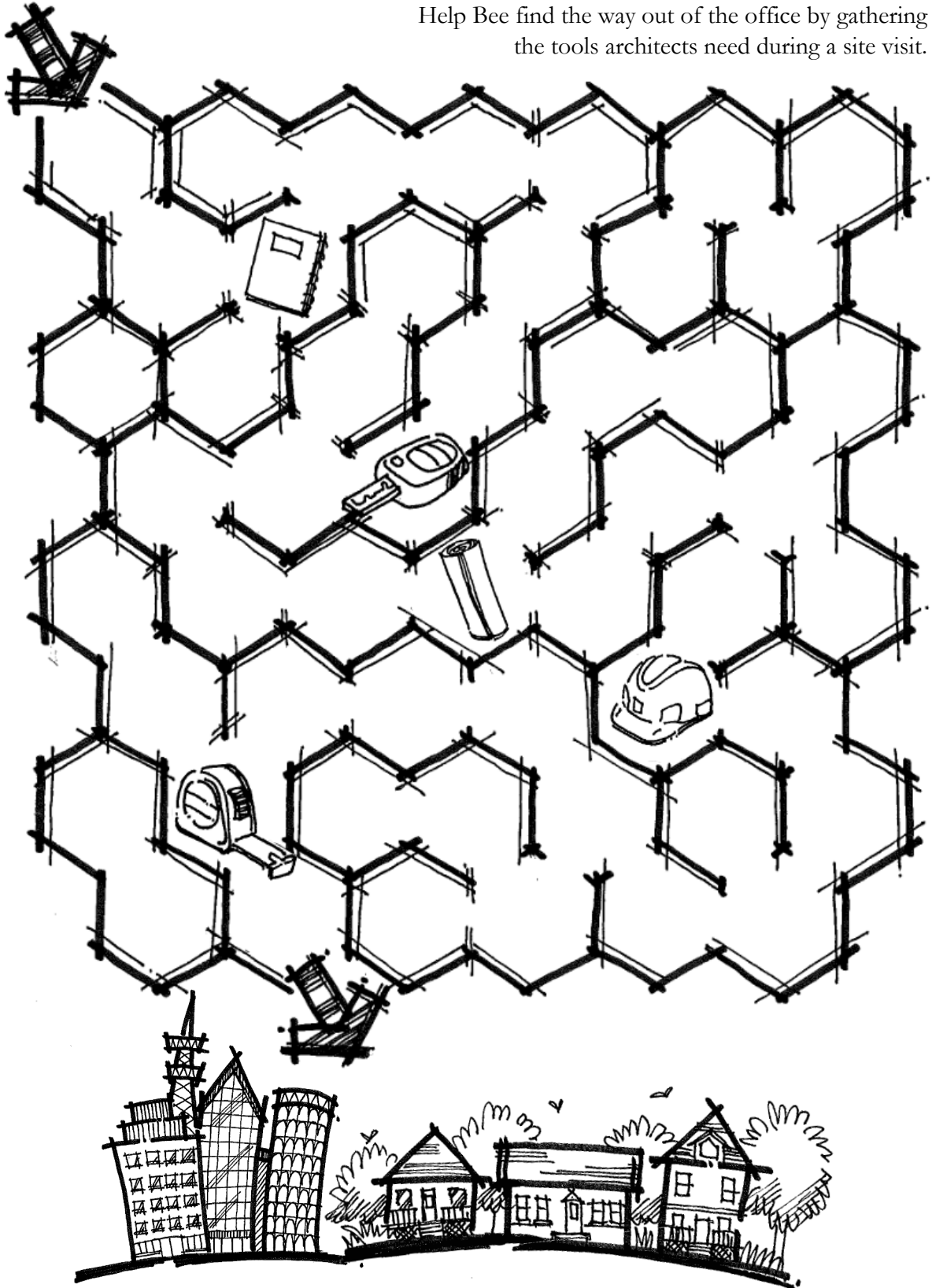
WINDOW

WOOD



**Architects frequently visit building sites while a project is being constructed. They answer questions, take notes, compare the build to the design, and more.**

Help Bee find the way out of the office by gathering the tools architects need during a site visit.

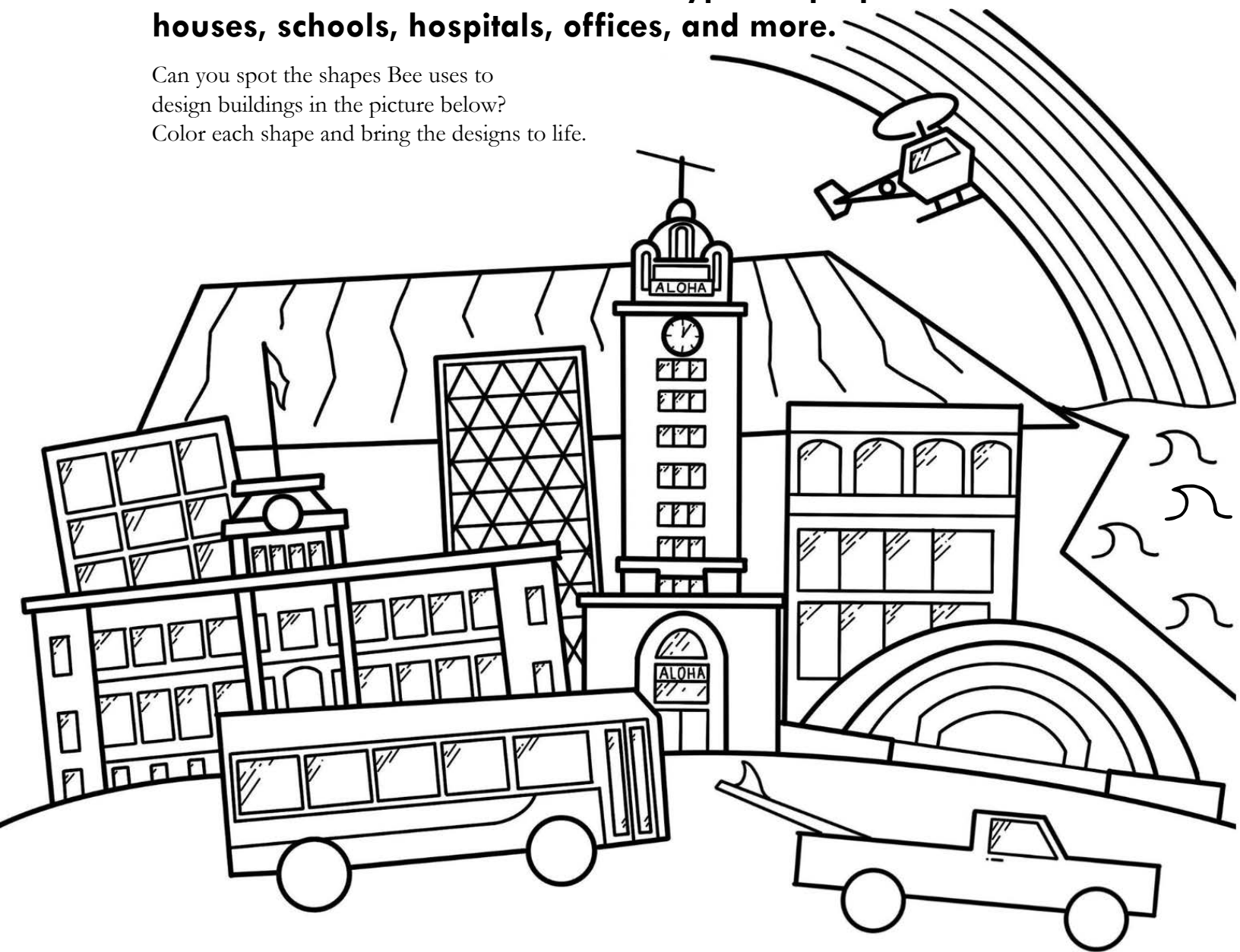


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# Bee an Architect works on several types of projects such as houses, schools, hospitals, offices, and more.

Can you spot the shapes Bee uses to design buildings in the picture below?  
Color each shape and bring the designs to life.



Circle = Green



Oval = Black



Rectangle = Red



Semi-circle = Orange



Trapezoid = Blue



Square = Yellow



Triangle = Purple

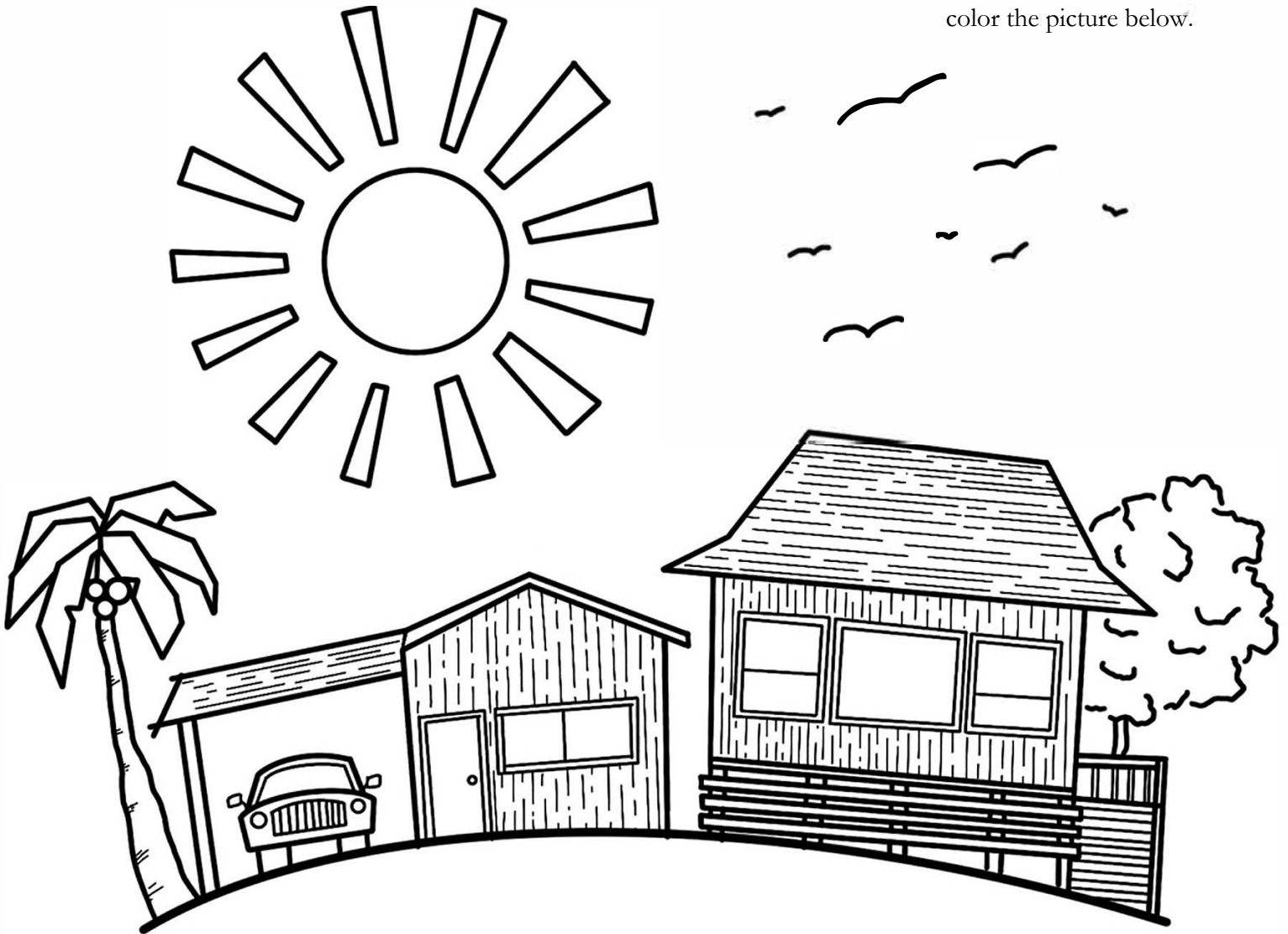


Hexagon = Brown



# Bee an Architect uses many colors to design because color makes an impact on how we feel in a space.

Use your thoughts and imagination to color the picture below.

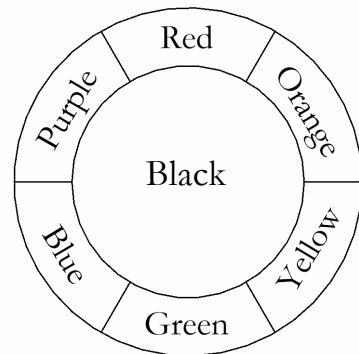


## Color Theory Discussion Ideas for Teachers & Parents:

How Does Color Affect the Way You Feel?

- Red = excitement, love, anger
- Orange = positivity, happiness, energy
- Yellow = happiness, warmth, cheerfulness
- Green = safety, luck, envy
- Blue = calmness, sadness, productivity
- Purple = imagination, wealth, royalty
- Black = drama, mystery, boldness
- White = purity, peace, innocence
- Brown = nature, strength, security

Complete the color wheel by filling in the spaces with the correct color!

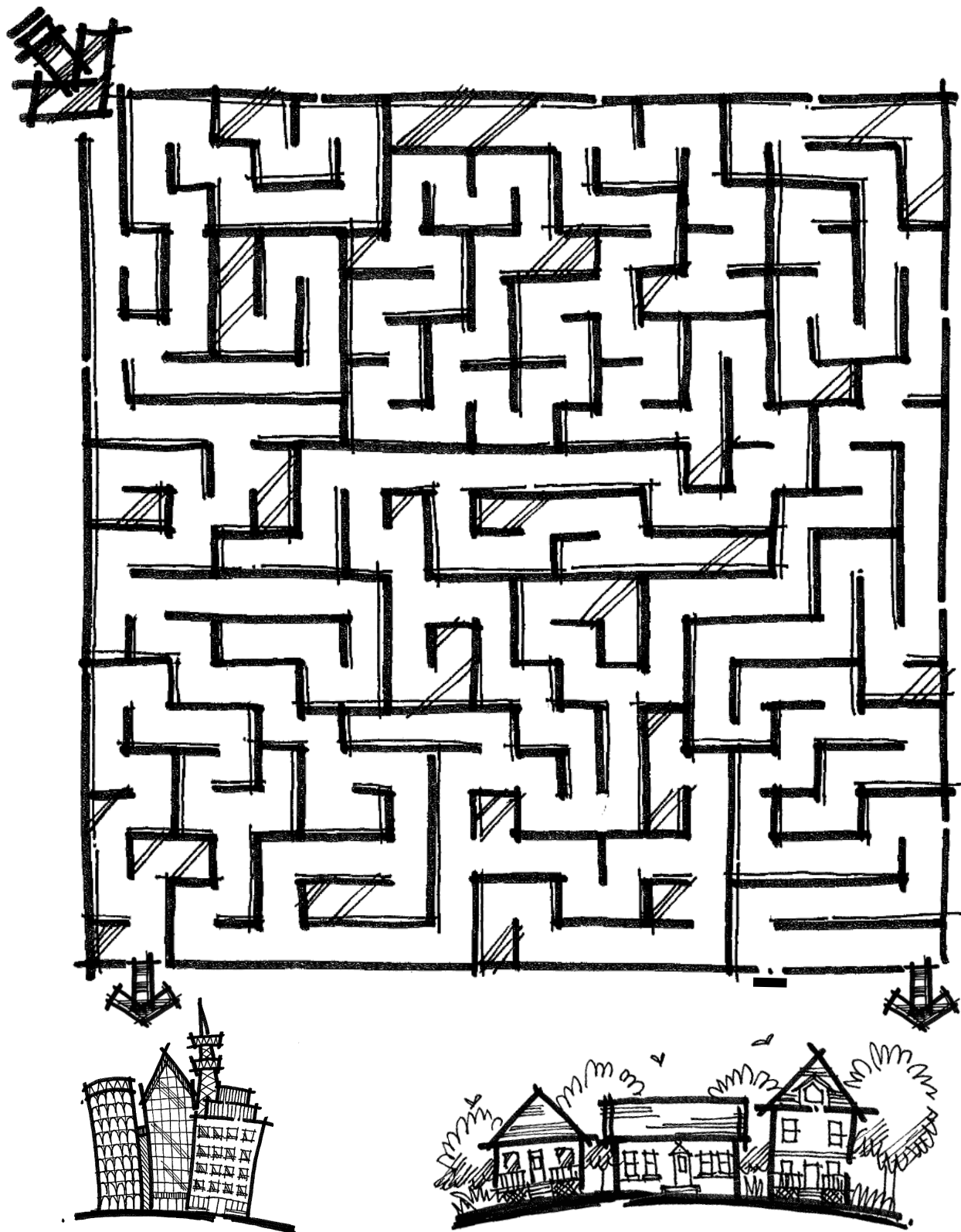


White



**Bee an Architect works in big cities and small towns,  
and on projects of all sizes!  
From skyscrapers to homes, Bee does it all.**

Can you draw Bee's path to the big city and the small town?



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# Becoming an architect can be a windy road, with help from Bee's friends at the American Institute of Architects you can achieve your dream!

## Ages 1-10

Facilitate interest by playing with building blocks, LEGO® toys and games like Minecraft.

Can you follow the path to becoming an architect?

## Ages 11-13

Participate in architecture camps, practice drawing, and read books about architecture and design.

## Ages 14-18

Start a portfolio, look for scholarships, take architecture-related classes, and visit NAAB Accredited Architecture Colleges.

## College

Study hard to earn a Bachelor of Architecture, move on to a Masters in Architecture, and become a Student Affiliate member of the AIA.

## Intern Architect

Start your career and begin studying for the Architecture Registration Exam (ARE), use resources available from the AIA.

## Licensed Architect

You passed the exam, now apply for your license with your state!

Whoops, Bee didn't make it. You can do it; try a different path this time!

## You made it, congratulations!

You helped Bee on his path to becoming a Licensed Architect. Licensed Architects can use the initials 'AIA' when writing their name:

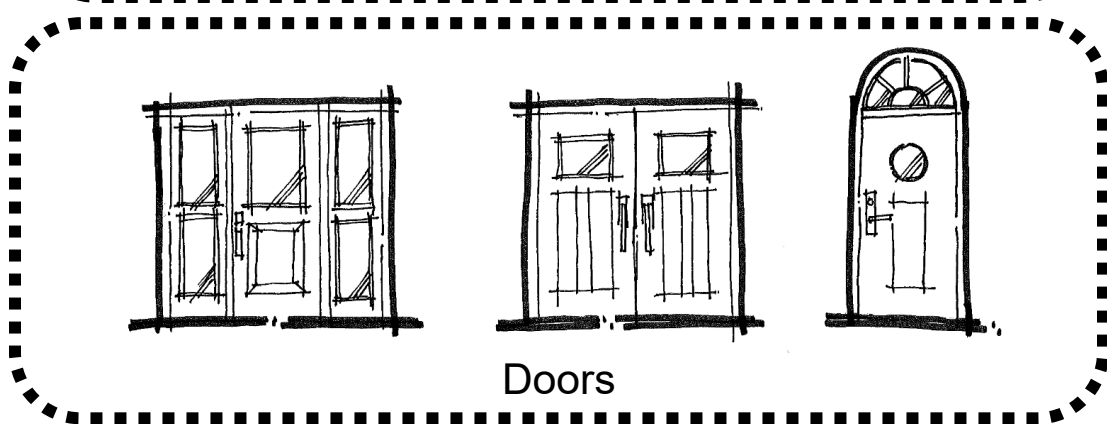
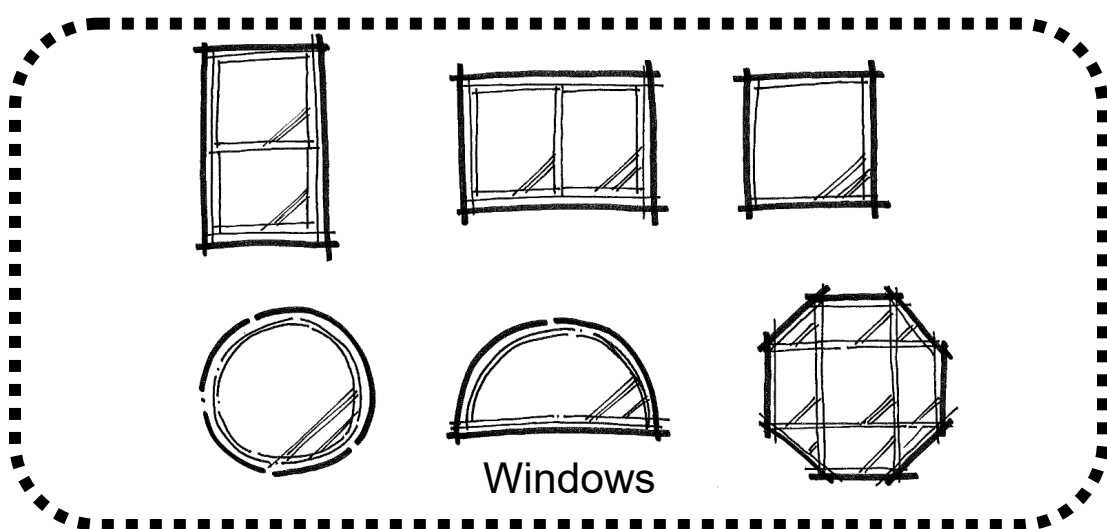
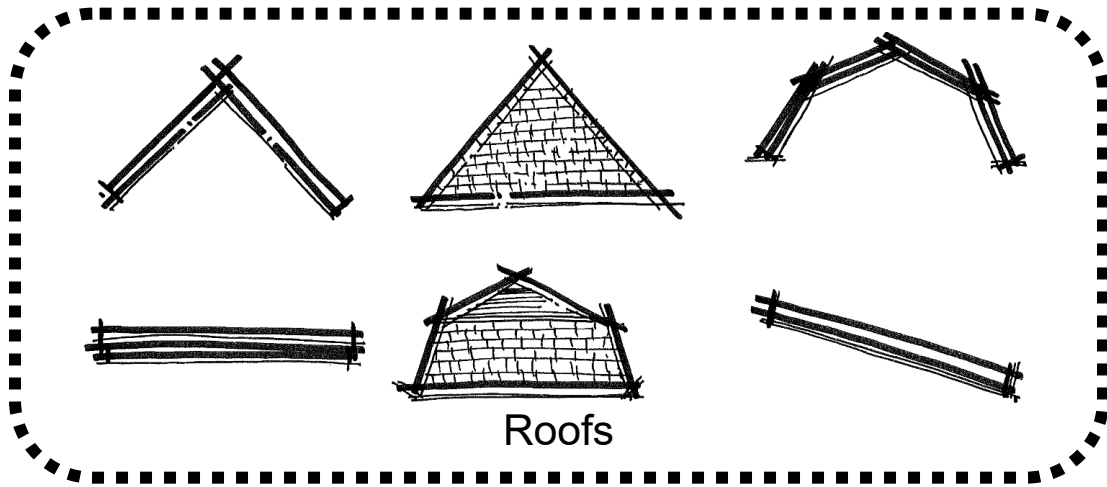
**Bee an Architect, AIA**



# You can be an architect and solve problems just like Bee.

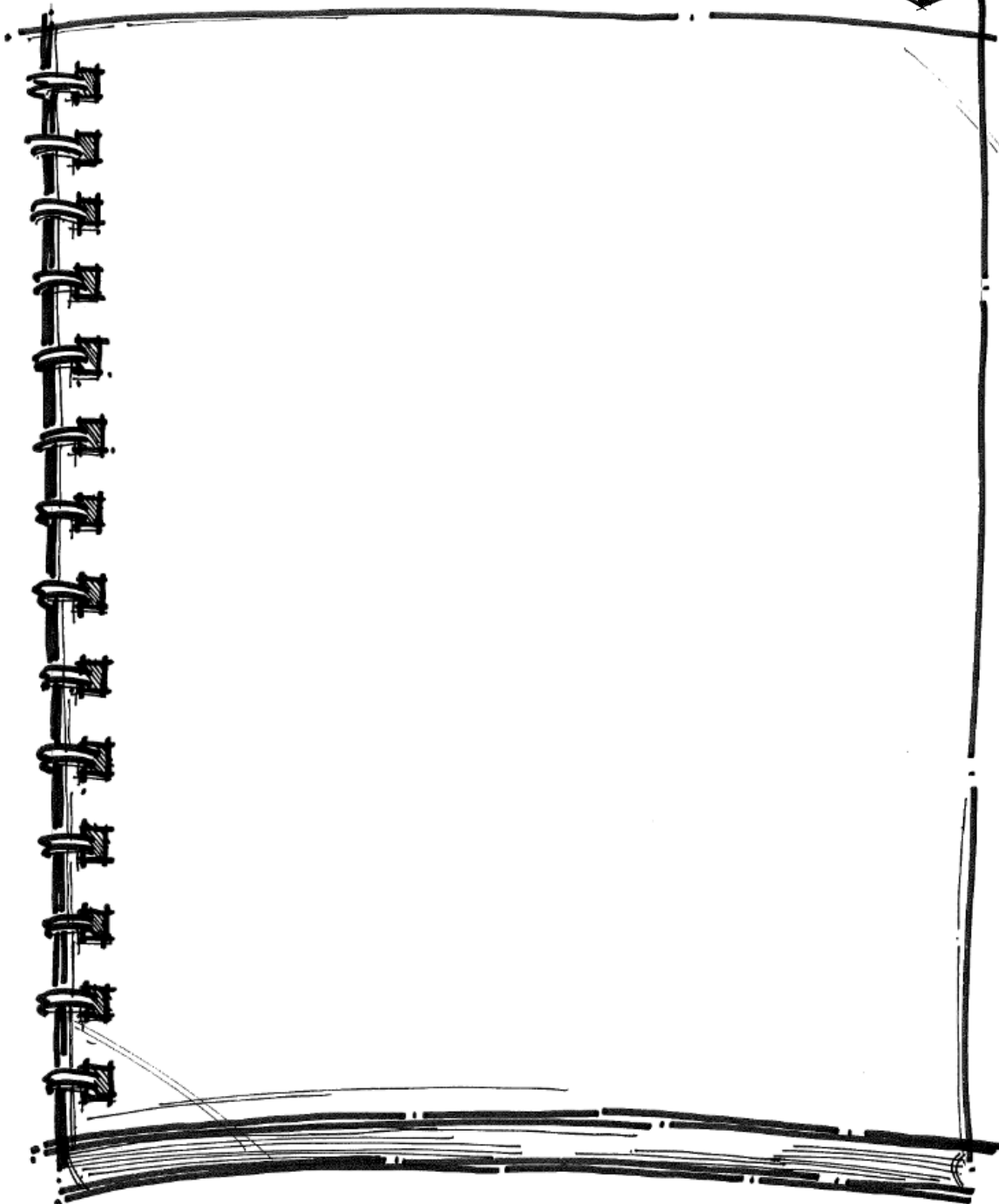
Use your imagination and the elements below to draw the outside of a building or structure in Bee's sketch book on the next page. After you are done designing and sketching be sure to use color to bring your design to life.

Remember to include the people using the building in your sketch.



For inspiration look at the buildings in your community. Maybe you have an idea to improve an existing building, a use for an empty building, or an entirely new building.

**Architects are often inspired by visiting buildings in and near their neighborhood.  
Below, draw a building that inspires you!**



**Building Name:** \_\_\_\_\_

**Designed by:** \_\_\_\_\_, **Aspiring Architect**



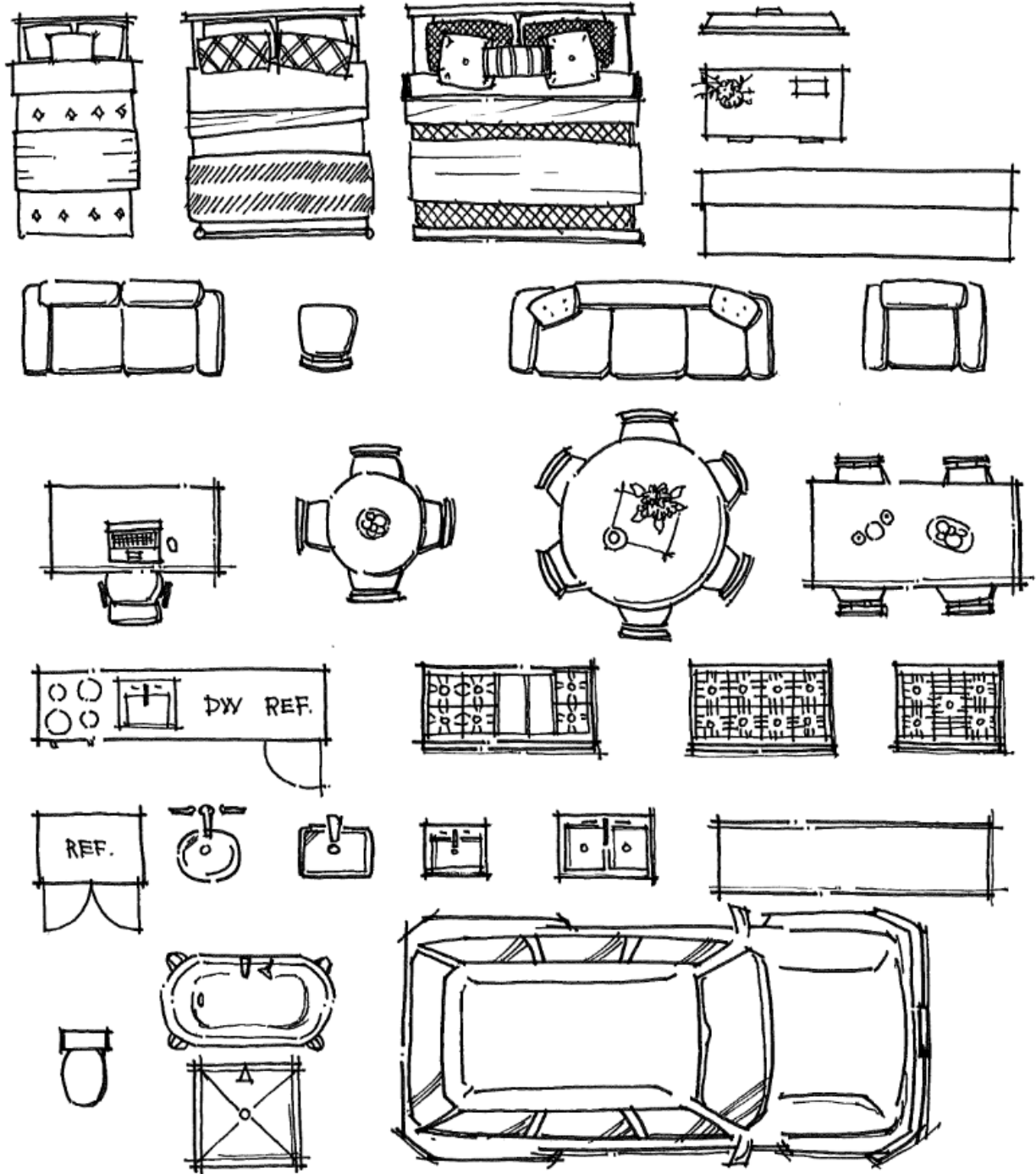
With help from an adult, share your building with other architects!  
Use #futureAIAarchitect and tag @aiahonolulu on Facebook and Instagram.



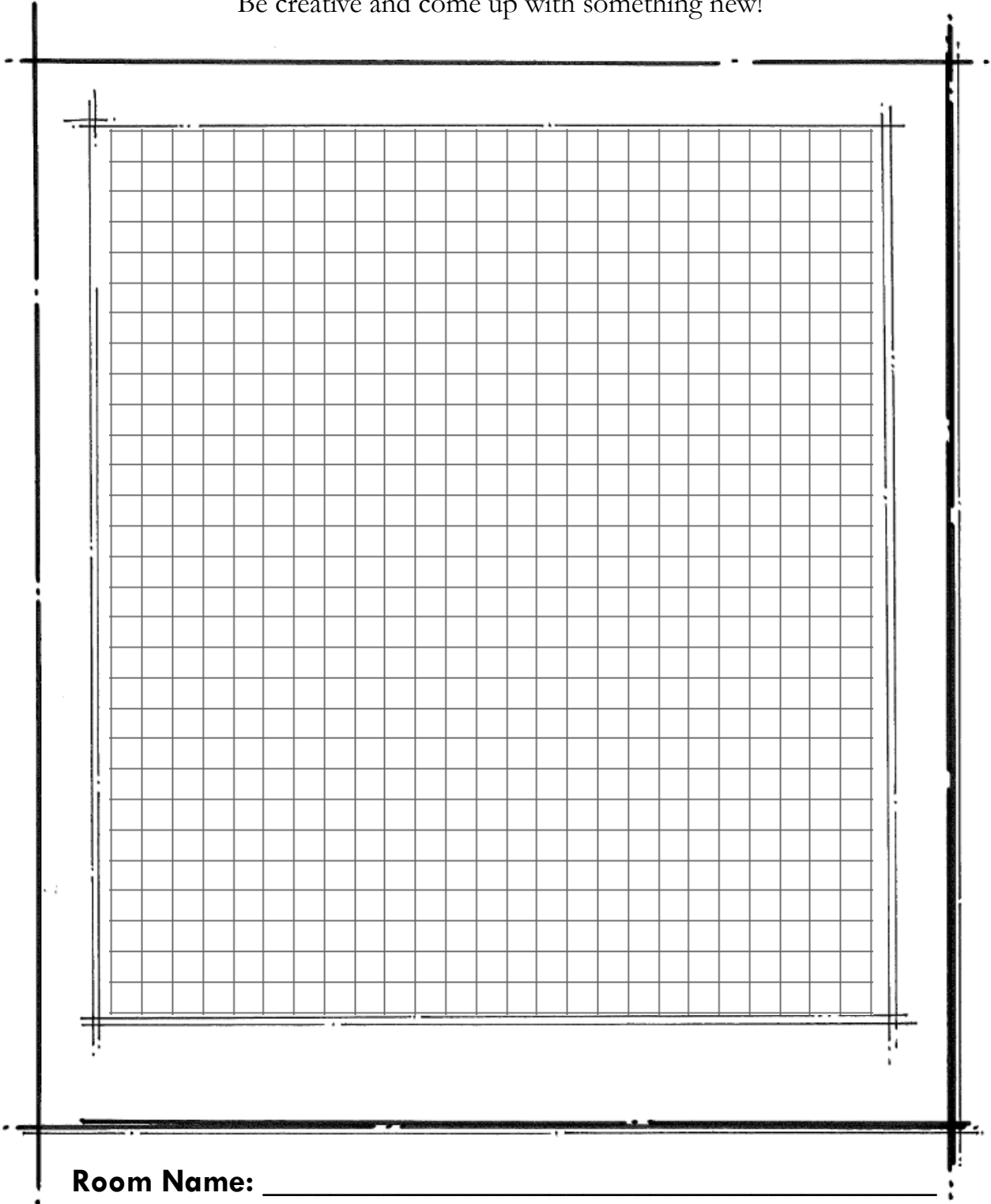
# Bee an Architect loves to bring spaces to life using creative design.

Use your imagination and the furniture below to design the **inside** of your building using graph paper on the next page.

After you are done sketching be sure to use color to bring your design to life.



For inspiration look all around your home and think about what you like about it, what you would change, and what problems can you solve through architecture?  
Be creative and come up with something new!



**Room Name:** \_\_\_\_\_

**Designed by:** \_\_\_\_\_, **Aspiring Architect**



With help from an adult, share your building with others architects!  
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**Being an architect is fun!**  
**Architects get to use their talents to dream**  
**of the unthinkable and turn that dream into reality.**

Bee is always looking for new friends interested in architecture.  
Draw yourself as an architect by completing the picture below.



**Architects like to:**

- > build with blocks
- > use color
- > draw and sketch
- > be curious
- > be challenged
- > help others
- > solve problems
- > reinvent spaces
- > brainstorm new buildings
- > admire the built environment
- > work with their hands and mind
- > help dreams come true

**Do you like to do these things too?**  
**Maybe you will be an architect some day!**



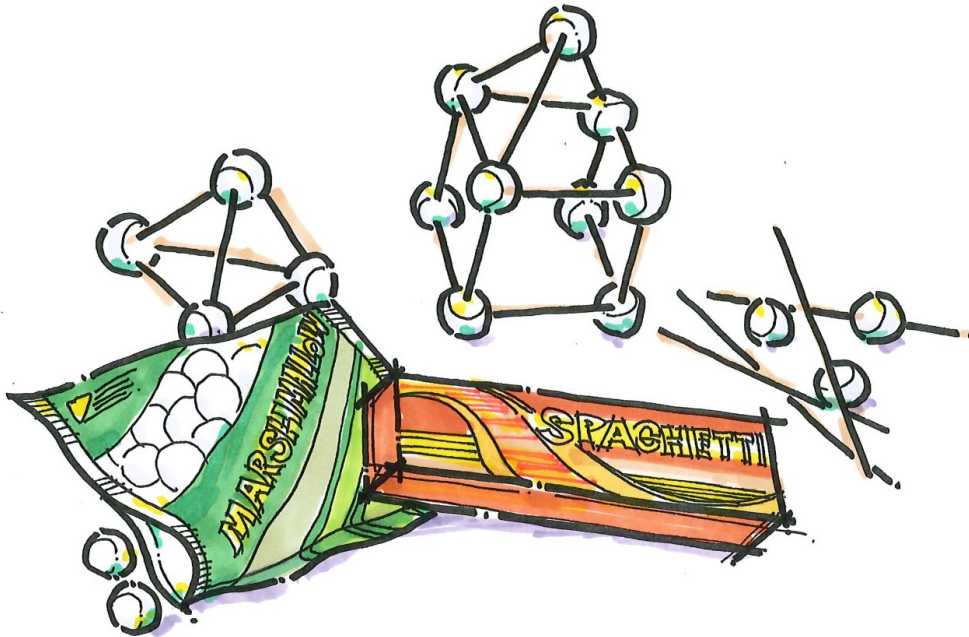
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## Architects use small structures called models to test their designs and share their ideas.

You can practice being an architect by making models with items from your kitchen like the examples below.

Use your imagination to guide you. How tall, wide, or colorful is your model?



Build towers and shapes with marshmallows and dry spaghetti.



Build a house or another structure with graham crackers, toaster pastries, and candy. Use frosting to connect the pieces!

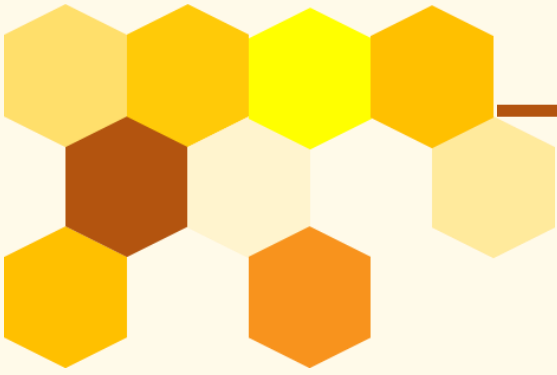


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## Resources

The American Institute of Architects (AIA) is a resource for individuals wanting to become an architect. Our goal is to inspire the next generation, foster, educate, and help navigate the path to a career in architecture

### **American Institute of Architects, Honolulu Chapter**

[www.aiahonolulu.org/become-an-architect](http://www.aiahonolulu.org/become-an-architect)

Guide to a Career in Architecture

### **American Institute of Architects**

[www.AIA.org/K-12](http://www.AIA.org/K-12)

Activities, Examples, and Programs

### **University of Hawai'i at Mānoa School of Architecture**

[arch.hawaii.edu](http://arch.hawaii.edu)

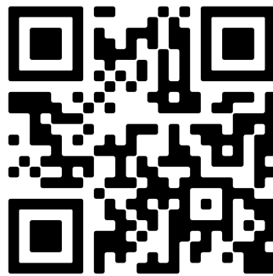
NAAB-accredited school offering Bachelor, Graduate, and Doctorate degrees

### **Hawaii Architectural Foundation**

[www.hawaiiarchitecturalfoundation.org](http://www.hawaiiarchitecturalfoundation.org)

Provides scholarships and grants to advance architecture in our community

**For a digital copy of this book & other resources visit [AIAHonolulu.org](http://AIAHonolulu.org)  
or scan this code:**



Bee an Architect is brought to you by The American Institute of Architects, Iowa Chapter and their Future Architects Initiative intended to inspire young minds interested in architecture and design.



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