Architects in Schools
2022
Summer Camp

My Architect Journal

Your Name: _____

afo
architecture foundation of oregon

How Does My Architect Journal Work?

Everyday, your parent or guardian will receive an email with lessons that will guide you through each day of the Architects in Schools Summer Camp. Whenever we mention the **Architect Journal**, we are talking about this document, your personal Architect Journal!

Remember to work through the lessons that are emailed to you before doing work in your journal. This journal is where you will have space to write, sketch, design, think out loud and develop numerous creative ideas! If you need more space to write and draw, feel free to use additional sheets of paper.

Have questions that your parent or guardian can't answer? Have them contact us:

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Let's Get Started!

My Architect Journal

DAY 1

Monday, July 11

What Makes a Sustainable Place to Live?

DAY 1 Architect Journal

Today, you met Sina, an architect at Opsis Architecture in Portland, Oregon. She talked about how important it is for designers to collaborate when they design and build spaces and how everyone who will use a space should be engaged in the design process. This is called inclusive design and ensures that a space will work best for everyone who uses it.

Sina also talked about what sustainable design is and how architects and other design professionals consider sustainable practices when they create the spaces that we live and learn and play in!

Remember that sustainable design means designing with less negative impact on the planet's natural resources. We need these resources, like water, to make this planet a healthy place to live.

Let's reflect! Do you remember the questions that Sina asked you to think about? Begin by answering them below.

Day 1 Takeaway Questions

Write your responses below or on another sheet of paper.

How many ways can you think of that you rely on electricity? (Think about things like your refrigerator, television, computer, lights, etc.)

List all the ways that you use water.

If you were required to restrict your water use, which of the ways that you use water would be the most important to you? (Think of how you use water to feel healthy, clean and comfortable.)

DAY 1 Architect Journal

We all rely quite a bit on water and electricity, right? What other resources do you rely on? Try to remember these questions and thoughts as well as our Kids Rights as we go through camp activities this week!

Let's get started with today's activity.

You will be creating a collage about what you think a community needs to feel safe, comfortable and healthy to live in. Think about resources that we all need to be healthy and other things that you rely on in your life. How do you feel when you are healthy? Do you feel better? Does that make you do better at your school work and treat people nicer? Here are some more questions to help you brainstorm. There are no wrong answers!

What does a healthy and sustainable community look like? *Urban, suburban or rural?*

Who lives there? *People? Animals?*

If there are buildings, what would they look like? *Tall or short?*

What sort of buildings would the people in the community need? *Schools? Hospitals? What else?*

How do people get around the community? *Walk? Bike? Public transportation?*

What other kinds of outdoor spaces would there be? *Parks? Rivers? Protected areas for animals?*

How is energy generated? *Wind power? Solar power? Hydro power?*

Where do people get food from? *Community gardens? Their own backyard?*

On the next page, write your ideas down on the Collage to Community Think Sheet. You will use these ideas to create a collage!

What is a collage?

A collage is a way of making pictures by sticking pieces of colored paper and cut out images onto paper. You can cut out pictures from magazines or newspapers (with permission) or draw some images that make you think about a healthy place to live.

Artist: Em Brennan, My Right Eye Art

Collage to Community Think Sheet

Write your responses below or on another sheet of paper.

You are to be the architect and the builder of a community that is healthy, sustainable and designed for everyone who will use the space. Use this page to imagine what your community would look like, create thumbnails (small sketches), and take notes. Remember, the better you plan, the better your creation will be!

1. Thinking about what Sina explained in today's video, use the space below to write down eight things that you think are the most important in a healthy place to live:

1.	5.
2.	6.
3.	7.
4.	8.

2. Use the spaces below to create three potential thumbnail sketches for your piece. You can use these to decide your final collage design. Think about what you most want to communicate in your design.

Collage to Community

Now that you have completed your Think Sheet, use this space or another piece of paper to create your collage! Think about all the things that you find important in a healthy place and transform your thumbnail sketches into a collage. Collages are typically made with cut up pieces of paper. So put away the drawing utensils and grab some colorful paper, scissors and glue!

We have also included some fun shapes on the next page that you can use in your collage, if you want to.

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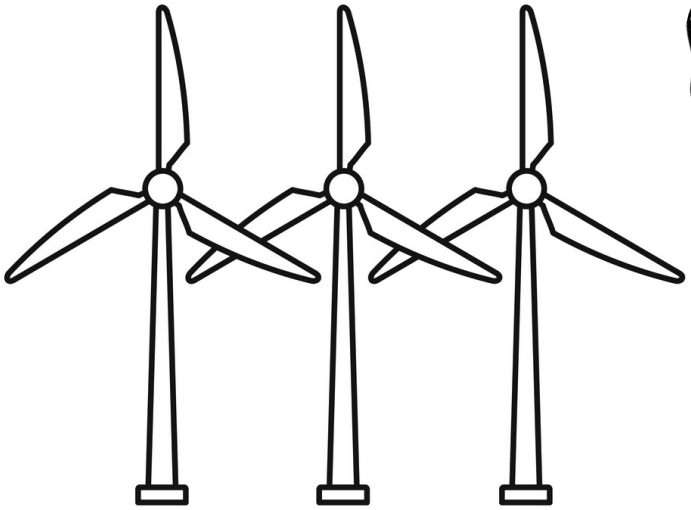
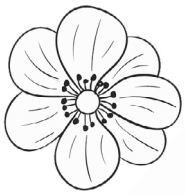
Collage to Community

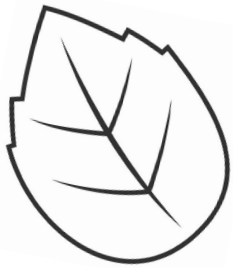
Feel free to color in and cut out these shapes to use in your collage. If you don't see a shape you want to use, draw it yourself!

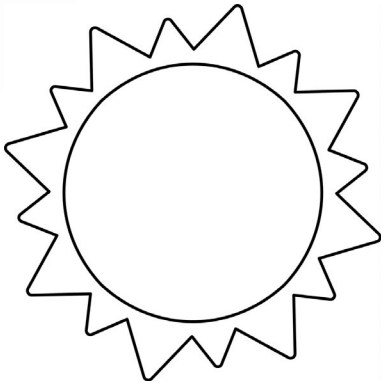


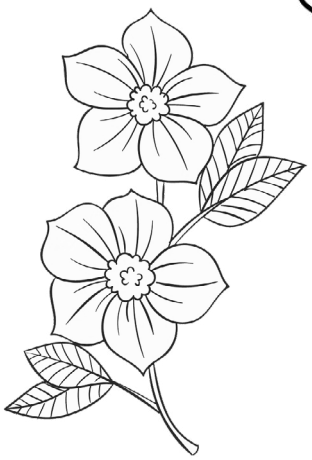
community

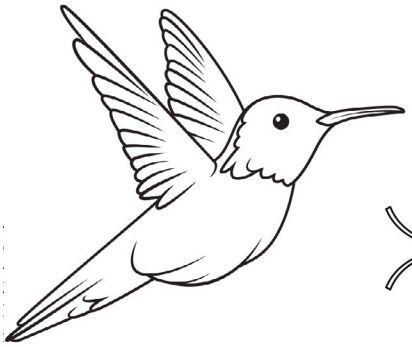


sustainability

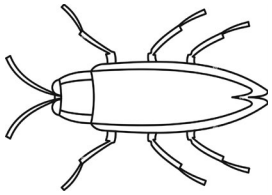


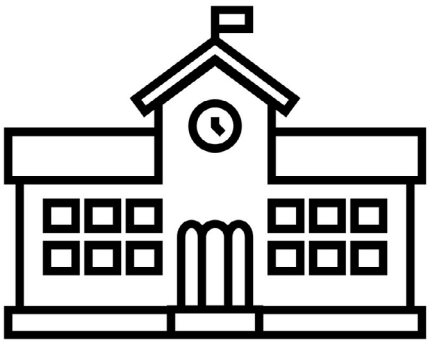






green





This page was intentionally left blank so you can cut out the shapes to use in your collage!

(You do not have to use any of these shapes in your collage. Only if you want to!)

Vocabulary Mix & Match

Draw a line to connect each vocabulary word to the right definition.

Architect	A person or company who determines the cost to build a structure and how to build a structure that is often also worked on by an architect or engineer
Architecture	Buildings that are designed to be environmentally responsible and healthy places to live, work, learn and play
Built Environment	The steps involved in designing something: identify the design purpose, imagine the solution, make a plan and try it out, and improve your plan
Climate Change	A person who is licensed to plan and design systems, structures, machines, roads and other infrastructure
Contractor	A person who is licensed to design buildings and spaces
Design Process	Anything designed and built by humans where people live, learn, work and play
Engineer	A change in average weather conditions (such as temperature and rainfall) in a region over a long period of time
Sustainable/Green Buildings	The art or practice of designing and constructing buildings and spaces

★ Day 1 Bonus Challenge: Solar S'mores

Using the design process, design and build your own solar oven that will make a tasty S'more! Gather your materials and think through your plan using the following instructions. If it is helpful, draw out pictures of each step of your plan before you complete it.

Materials needed:
- S'mores ingredients: graham crackers, marshmallows & chocolate
- Recycled pizza box (or another shallow cardboard box)
- Black construction paper
- Aluminum foil
- Glue stick and tape
- Plastic wrap or clear compostable wrap
- Something to cut a flap in the top of the box (with an adult's help)
- Stick to prop open the flap
- Optional: thermometer

Follow these steps to build your solar oven!

STEP 1: Ask an adult to help you make a flap in the top of the box. Cut 3 sides 1 inch from the edge.	**STEP 2:** Use a glue stick to line the inside of the flap with aluminum foil, shiny side out. Then, line the inside of the box with foil, and glue it down. Keep the foil as smooth as possible.	**STEP 3:** Glue black paper inside the bottom of the box. The black paper absorbs heat.	**STEP 4:** Lift the flap and securely tape plastic wrap over the opening of the box. The window works like a greenhouse, allowing sunlight to come into the box while retaining heat. Make sure it's airtight so heat can't escape.
STEP 5: If you'd like to, decorate your solar oven using colored pencils or markers!	**STEP 6:** Put the box in the sun. Prop the flap open using a stick and tape. The sun should hit the plastic. Preheat your oven for 30 minutes. (Works best on a hot day!)	**STEP 7:** Set your graham crackers with marshmallows on top inside the box. Close the lid, and wait for marshmallows to get melty. Then top with chocolate and graham crackers and continue cooking until perfectly melted. Lastly, eat it!	

Lesson adapted from Change, My Plan to Save the Planet by Wee Society

Continued on the next page...

★ Day 1 Bonus Challenge: Solar S'mores (continued)

Write your thoughts about each step of the design process as you work to design and improve your solar oven.

ASK: How can I make the best S'more with my own design of a solar oven?

IMAGINE: Using the materials and basic instructions that I have, what is the best solution for my solar oven design? What do I think the best angle is for my "window" flap to get the most heat on my S'more? What temperature should I make sure that my solar oven gets to in order to melt my marshmallow and chocolate? How long do I think it will take for my S'more to be melted?

PLAN: Draw a plan for each step of putting together and using the solar oven. (Use additional pieces of paper if needed.)

CREATE: Make the solar oven. Try it out! My thoughts as I built my solar oven design...

IMPROVE: What can I do to make sure that my next S'more melts faster? What improvements would I make to my design to make it work even more like I want it to?

LIVE Activity Worksheet: Collage to Community

Use this page or another piece of paper to create your collage during today's LIVE session at 12:30pm PT! Check out page 9 for some shapes and cut outs you can use in your collage.

In addition to your journal, also have these materials nearby:
- Paper, magazine or newspaper scraps (all types and colors!)
- Scissors
- Glue or tape
- Colored pencils, markers or crayons (something to color with)

My Architect Journal

DAY 2

Tuesday, July 12

All About Climate Change

Please complete Day 1 activities before moving ahead

Let's play a game! Now that you've heard from Jeremy and Sina in today's videos and learned a bit more about what climate change is and what we can do about it, let's test your knowledge.

What's the Greener Thing?

Circle your responses below or on another sheet of paper.

Which sustainable/green design feature is a better option for the environment and contributes less to climate change? Circle the option you think is more green! Answers are revealed on the next page.

Natural Gas

or

Wind Power

Composting

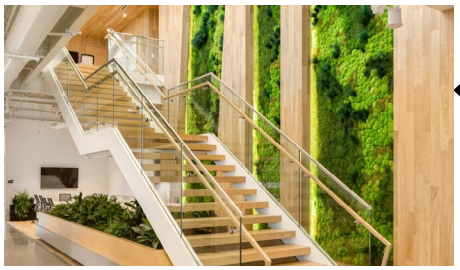
or

Recycling

Cycling

or

Driving



Living Walls

or

Eco Roofs

What's the Greener Thing? Answer Key

Check your answers! What did you know already? What surprises you? We encourage you to do research on some of the topics below that you would like to know more about!

Wind Power is greener! Greenhouse gases are emitted during the construction of wind turbines, but that amount is still far less than the amount that is emitted from burning fossil fuels such as natural gas and coal. Wind is a renewable energy source and can be replenished without causing harm to the environment, while natural gas is a non-renewable energy source that is finite (which means it can run out).

Composting is greener! Even though recycling is better than sending everything to the trash dump, finding ways to compost is much better for the environment. The best thing you can do is to reuse what you have instead of buying new things!

Cycling is greener! The largest contributor to greenhouse gases in the United States is transportation. This includes fuel burning vehicles, cars and trucks. Cycling is a much more environmentally friendly mode of transportation and does not cause nearly as much air pollution as driving does.

Living Walls and Eco Roofs are both green! Okay, we tricked you with this one. Both are great sustainable design features! They help moderate the temperature of a building, help create less runoff water pollution when it rains and also creates habitats for animals!

How Green is My Home?

Circle your responses below or on another sheet of paper.

Now let's think about the resources you and your family use every day at home! You may need to ask an adult to help answer some of these questions.

Directions: For each question, circle the answer that best describes you. Tally up your points at the end to see how green your home is! We did the first one for you.

1. Do you educate yourself on sustainability and things you can personally do to have less of an impact on the natural environment?

No (0 points)	Sometimes (3 points)	Yes, I'm participating in this summer camp! (6 points)

2. Do you turn off the lights when you leave a room or when the room is empty?

No (0 points)	Sometimes (3 points)	Always (6 points)

3. What kind of light bulbs do you use in your home?

Incandescent (0 points)	Some incandescent, some LED (3 points)	All LED (6 points)

4. Do you keep the water running when you brush your teeth?

Yes (0 points)	Sometimes (3 points)	Never (6 points)

5. How do you and your family typically dispose of items?

We throw most items in the garbage (0 points)	We recycle and throw items in the garbage (3 points)	We minimize garbage through composting and reuse (6 points)

(Continued on the next page)

How Green is My Home? continued

Circle your responses below or on another sheet of paper.

6. When the temperature drops, how do you and your family stay warm?

We crank up the heat until it's toasty (0 points)	We turn up the heater a little or light a fireplace (3 points)	We put on additional layers and use blankets (6 points)

7. Are mechanical equipment and water faucets checked regularly and problems reported immediately?

No (0 points)	Sometimes (3 points)	Always (6 points)

8. How do you typically get to and from school and to any other regularly scheduled activities?

Drive in a car (0 points)	Carpool with friends (3 points)	Take public transit, walk or bike (6 points)

9. If your family owns a car, what kind of car is it?

A car that uses gas only (0 points)	A hybrid or electric car (3 points)	We don't have a car. We use public transit, walk or bike (6 points)

10. How often does your family purchase new items, including online and at the store?

All the time! (0 points)	Somewhat often, if we need to (3 points)	Not often. We try and use what we have before buying something new (6 points)

It's time to tally up your score! Go back through all of your answers and add up the points for each option that you circled. You should have a score between 0 and 60.

Write down your score: _____

The closer to 60 you are, the more "green" your lifestyle is! If you got closer to zero, don't worry, there is always time to make some changes so that your lifestyle is less harmful to the environment!

Whew! We've explored a lot of big topics today! Do you now see why climate change and sustainability are so important for us to think about?

The really cool thing about sustainable design and architecture is that there are already many solutions to help combat climate change and make the world a healthier place to live. Just having the mindset of designing sustainably can impact our communities - meaning YOU can make a difference by thinking about ways to design sustainably!

Let's reflect! Answer the takeaway questions below.

Day 2 Takeaway Questions

Write your responses below or on another sheet of paper.

What are two changes that you can make to have less of an impact on the natural environment? What can you encourage your family to change?

What are you passionate about when it comes to the environment? (For example: animals, clean air, clean water, fresh food, etc.)

Kids in Egansville were creative about solving problems in their community. Think of ways that you can do little things that make a big impact. Make a list. What are some things you can start doing right now to help make your community healthier?

What are some things that you can do soon to make your community healthy that just need a little planning and access to more materials and resources?

Vocabulary Mix & Match

Draw a line to connect each vocabulary word to the right definition.

Daylighting	Types of gases found in Earth's atmosphere that trap heat and can contribute to climate change if there is too much of them in the atmosphere
Eco Roofs or Green Roofs	Power systems that convert the energy of wind into electricity
Energy Efficiency	Fuels, such as coal, oil and natural gas, produced by the breakdown of ancient (fossilized) plants and animals
Fossil Fuels	Light-weight, living roofs made of plants and soil that don't need a watering system, fertilizer or pesticides
Greenhouse Gases	The act of using heat from the sun to power and heat things in a building like a house, office or school
Renewable Energy	A method of lighting the inside of buildings with natural light (like sunlight through windows) so that less artificial light (like from light bulbs) is needed
Solar Power	Energy sources such as wind, solar and hydro power that can keep producing indefinitely without being used up as with fossil fuels
Wind Power	The ability to do something without wasting energy such as turning off the lights when you leave a room or turning off the water when you brush your teeth

★ Day 2 Bonus Challenge #1: Sustainability Journalist

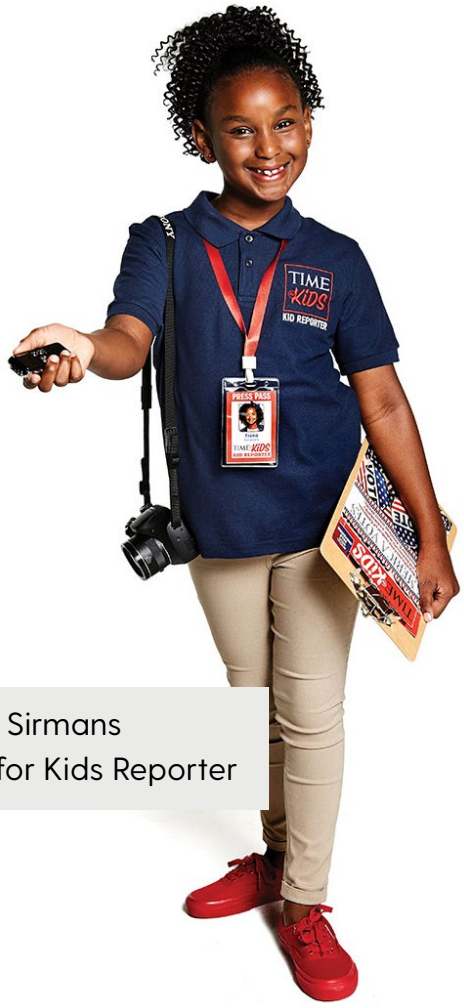
You are going to take on the role of a Sustainability Journalist! Your goal is to get others to think about sustainable design. Pick a friend, family member or neighbor to interview.

Ask them: *If you could have any type of sustainable design feature in your home, what would it be?*

You might need to brainstorm different sustainable features with them. Refer to what you've learned so far! Some examples are solar panels, rainwater harvesting systems, eco roofs, living walls, better windows to bring in better daylight, etc. There is no limit, so let them dream!

The second part of this challenge is to draw them a picture of their home with their new sustainable features. Imagine that this picture will be published in your local newspaper. Use it to inspire others to consider making more sustainable choices in their lives!

Materials needed:
- A few pieces of paper
- Pencil and eraser
- Colored pencils, markers or crayons (something to color with)
- Listening skills!



Tiana Sirmans
TIME for Kids Reporter

See the next page for another Day 2 Bonus Challenge!

★ Day 2 Bonus Challenge #2: Puppet Show Director

Were you able to join us during our LIVE Activity today? During this live session you started creating an endangered animal puppet with Sina and other designers. You will be using this puppet to direct a puppet show for your family and friends! Start by finishing your puppet if you haven't yet.

Create a story about your endangered animal and something they designed to help their population grow. Think about the kids in Egansville and the ways that they used their passions to help their community.

Feel free to use this outline to get started!

Hey there! My name is _____ *and I am a* _____.
(your animal's name) *(type of animal)*

I absolutely love to _____. *I love it so much that I decided to design a*
(an activity they like doing)

_____. *My goal is to help all other* _____
(something they designed to help them do the activity) *(type of animal)*

thrive in our current environment. My design helps my community _____
(a way their design helps their community)

Three years later, our population is thriving once again! _____
(story continued...)

Lastly, perform your show for friends and family! Or record it on video!

Materials needed:
- Your endangered animal puppet from the LIVE Activity
- Paper
- Pencil and eraser
- A table with a tablecloth, sheet or curtain over it that you can use as a stage for the puppet show

image credit: artnews.com

LIVE Activity Worksheet: Endangered Animal Puppet

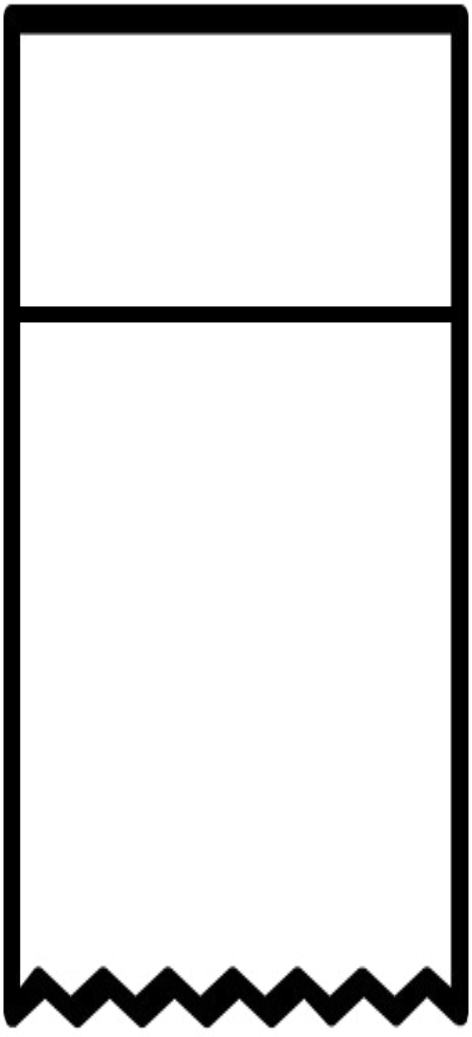
Use this page or another piece of paper to record your thoughts and sketch during today's LIVE session at 12:30pm PT!

In addition to your journal, also have these materials nearby:
- A small paper bag or old sock
- Colored pencils, markers or crayons (something to color with)
- Any other materials you'd like to use for this exercise - be creative!

The architect/builder is:

The client is:

Make notes about what the client is telling you the puppet should look like. Ask questions, draw pictures, keep in mind what your materials are:



My Architect Journal

DAY 3

Wednesday, July 13

Designing for Resilience

Please complete Day 2 activities before moving ahead

DAY 3 Architect Journal

In today's videos you learned about ways that buildings are designed to be resilient and how designers can be superheroes. How exciting! For the rest of camp, you get to be a superhero designer, too!

Before we dive into your final camp project, let's revisit a few of the topics we discussed today. Natural disasters can be scary to think about. Take some time to process how you feel after watching today's videos.

Feel free to share your feelings in the spaces below.

Eco-Thinking

Write your responses below or on another sheet of paper.

I think climate change is...

I wonder about...

This topic makes me feel...


Scared


Interested


Inspired


Angry


Nervous


Curious


_____

I hope...

Lesson adapted from Change, My Plan to Save the Planet by Wee Society

DAY 3 Architect Journal

Now onto your final project!

Designing and constructing a building can take years, so let's think on a smaller scale. For your final project, you'll be designing and building a structure for a beneficial bug or bird in your very own community. Their habitats are being impacted by climate change, too. Think about some of the things we talked about over the last few days as we move ahead. (And, if you can make it to our LIVE Activity today, we will brainstorm together different ideas for your final project designs!)

Go ahead and read through the following bird and bug clients. Pick the one you'd like to work with and design a space for. This will be your client for the rest of camp, so pick carefully!

Let's meet our clients and choose one!

Pick a Special Client

Circle the client you plan to focus on for the rest of camp!

Design and build a hotel for a hardworking mason bee who needs a safe space to lay eggs, enjoys collecting pollen from native flowers, and waking up to the sunrise.

Design and build a soda shop for a solitary hummingbird who loves feeding on sugar water, taking baths, and whose favorite color is red.

Design and build a kitchen for an active western tiger swallowtail butterfly who gets energized by feeding on colorful flowers and sweet fruit, likes collecting fresh water in puddles, and taking naps in the sun.

Design and build a small garden for a hungry convergent lady beetle who enjoys natural light, the color green, and snacking on aphids while the sun is out (sometimes with their many brothers and sisters).

DAY 3 Architect Journal

Great job choosing a client! Now, use the space below to draw a picture of your client after you've done some research. Make sure that your client is the actual size of the bug or bird that you chose to design for (meaning they might be really small!). That way, when you design for them, you will know exactly what size of space they will need.

Draw Your Client

Draw below or on another sheet of paper.

If you haven't yet, take this time to do some more research on your client. Here are the links from today's lesson in case you missed them.

Learn about Mason Bees: https://bit.ly/masonbees-audubonpdx

Learn about Hummingbirds: https://myodfw.com/wildlife-viewing/species/hummingbirds

Learn about Western Tiger Swallowtail Butterflies: https://www.butterfliesathome.com/western-tiger-swallowtail-butterfly.htm

Learn about Convergent Lady Beetles: https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/ec1604.pdf

Day 3 Takeaway Questions

Write your responses below or on another sheet of paper.

What are some things that your client needs (that may be different from what you need) in order for them to feel comfortable in the space that you are designing for them?

We talked today about how designers are thinking very carefully about how to keep people safe in the buildings they design. Think about the research that you've done on your client. What could put your client in danger? (For example: unexpected weather events, other animals, limited access to resources, etc.)

What are some ways that you could design a habitat for your client that will protect them from possible harm?

Vocabulary Mix & Match

Draw a line to connect each vocabulary word to the right definition.

Building Code	A person or organization that hires architects, engineers and contractors to design and build spaces
Building Performance	The ability to adapt successfully (withstand, resist and recover) to challenges that stress its function
Client	A set of rules on a building design, construction, testing, inspections, and maintenance to protect public health, safety and welfare
Design Criteria	Things like “Exit” signs that guide people through a physical environment and enhance their understanding and experience of the space
Resilient (in a building system)	How well a building’s design accomplishes the intended function of that building, including safety of the people using that building
Wayfinding Systems	The precise goals that a project must achieve in order to be successful

★ Day 3 Bonus Challenge: Stable Skyscraper

Design and make a stable skyscraper model using the materials that are listed or anything you can find around your home that you have permission to use. Think about how a tall building must withstand wind and other forces to be safe. These are things that designers have to think about all the time when they design buildings!

Here is your Design Criteria:
- Your skyscraper must be at least 12 inches tall
- Your skyscraper must be no more than 6 inches wide
- Your skyscraper must be able to stand on its own without taping the base down

Materials needed:
- Paper towel tubes or rolled up pieces of paper
- Straws (optional)
- Tape
- A fan or something to create "wind"

You will find space on the next page to sketch your design, if you would like to do that first!

Once you are done building your skyscraper, test the stability of your skyscraper by putting it under "wind conditions" caused by a fan (or grab a folder or book and fan it up and down to create "wind"). Have fun with it!

Continued on the next page...

image credit: Science Project Ideas

★ Day 3 Bonus Challenge: Stable Skyscraper (continued)

Use this space or another piece of paper to sketch your design before you start building, if you would like to!

Did your skyscraper survive the wind storm? If not, improve your design! Create reinforcements to stabilize your skyscraper so that it does not tip over in the wind.

Reflect! Answer the following questions:

What methods effectively stabilized the building?

What additional materials would have helped?

What types of forces must skyscrapers be built to endure?

LIVE Activity Worksheet: Mid-Week Check-In

Use this page or another piece of paper to record your thoughts and brainstorm during today's LIVE session at 12:30pm PT!

In addition to your journal, also have these materials nearby:
- Pencil and eraser
- Your reflections on page 26 for reference (if you feel like sharing)
- Your chosen client description on page 27 for reference

Take some notes as you discuss your final project in your breakout room. What client did you choose? Why did you choose them? What do you already know about your client? What are you wondering about them? What can you research to learn more?

My Architect Journal

DAY 4

Thursday, July 14

Small Changes = BIG Impact!

Please complete Day 3 activities before moving ahead

DAY 4 Architect Journal

If you haven't already watched the Day 4 camp video with our architect friend Alison, go ahead and start that video before completing today's journal activities. Alison will walk you through the next part as you watch the video.

The following Design Development Sheet will help you plan and build a special structure for your special client. It will take you through the steps of understanding their needs and the sort of spaces you will need to design and build to meet their needs.

Design Development Sheet

Write your responses below or on another sheet of paper.

1. Write down your client's name:

2. List the activities you think your client likes to do or needs to do in their daily life. (Look at your client description for clues. They probably all like to eat. Some may like to sunbathe, relax, or have other hobbies. Be specific about your ideas as you list them. Don't just put down "sleep." Think about where and how they sleep.)

1.	5.
2.	6.
3.	7.
4.	8.

Design Development Sheet (continued)

Write your responses below or on another sheet of paper.

3. List the spaces you will need to design and build to fulfill the needs of your client. (For example, if there is a need to eat, you will have to provide places for cooking, storing food, for eating and for cleaning up. If there is a need for laying eggs or comfortable relaxation, you will need to provide spaces for those things.)

1.	5.
2.	6.
3.	7.
4.	8.

Don't forget to think about sustainability as you work through the design process! What materials do you have at home that you can reuse for your client's habitat? Look through your recycling or think twice before throwing something away. Is there someway you can use those items?

Think about how your client gets the natural resources they need to survive - things like water, sunlight, food, energy and more. How do you make sure they have access to these resources in a way that doesn't deplete them or prevent others from having them?

You will also want to think about where your habitat will go once it's built. Find a safe place outside where you can set up their habitat for them.

DAY 4 Architect Journal

Your next step will be to draw an elevation drawing of your habitat. Think about what your client structure looks like from the front. What do you see? If you are using colorful materials, show that in your drawing!

Brainstorm some ideas by answering the questions below. Think about your Design Development Sheet and your client's needs as you answer these questions.

Be sure to join us for today's live session at 12:30pm PT to learn more about how to get started on your elevation drawing!

Elevation Drawing Brainstorm

Write your responses below or on another sheet of paper.

How does your client enter, exit and approach the structure?

What kind of materials is your habitat made of? What materials can you reuse from around your home or from outside?

How big is your structure? How tall, wide or narrow is it? (Remember to keep the size of your client in mind!)

Where is your structure located outside? Will it be hung from a tree, placed in a yard, attached to an outside wall or somewhere else?

Draw an Elevation

Thinking about everything you wrote down on your Design Development Sheet and the Elevation Drawing Brainstorm, draw an elevation of your structure. Think about all the materials your structure will be made of. Label those materials in your drawing. Use the space below or a separate sheet of paper to draw and color in your elevation drawing.

★ Day 4 Bonus Challenge: Your Client Biography

This is a creative writing challenge! Now that you have thought through your clients needs and the space that you will be designing and building for them, think more about who they are and their life story. Get creative! There is no right or wrong way to complete this challenge.

Materials needed:
- Paper, pencil and eraser
- Colored pencils, markers or crayons (something to color with)

Use the following questions to guide you as you write a creative story about your client!

Where did your client come from? (Think about where they were born and how they were born. Do they have a migration pattern?)

What are your client's hobbies and passions?

Think about a time when your client experienced a significant life event. What was that like? How did they feel? (A significant life event could be transitioning from a caterpillar to a butterfly or coming out of winter hibernation for the first time)

Who has impacted your client's life? (Think about your client's friends, family and community)

What's the name of your Client Biography?

Continued on the next page...

★ Day 4 Bonus Challenge: Your Client Biography (continued)

Use this space or another piece of paper to write your client's story! Once you are done writing, grab another piece of paper and draw and color in a book cover for your story!

LIVE Activity Worksheet: Draw an Elevation

Use this page or another piece of paper to draw your elevation during today's LIVE session at 12:30pm PT!

In addition to your journal, also have these materials nearby:
- Pencil and eraser
- Colored pencils, markers or crayons (something to color with)
- Your Design Development Sheet on page 35 and 36 for reference
- Your Elevation Brainstorm on page 37 for reference

My Architect Journal

DAY 5

Friday, July 15

Final Project Day

Please complete Day 4 activities before moving ahead

DAY 5 Architect Journal

Today, you will take on the role of a contractor and build the habitat that you designed for your client. As you work on your habitat, think and reflect on all of the things you learned during camp this week!

Remember, one of the important things that we learned is that every day, we can all make decisions that help our environment and communities be more sustainable. Even small changes can make a BIG impact!

Be sure to join us for today's live session at 12:30pm PT for a final celebration of you and all your hard work this week!

Now, let's get to building!

Final Takeaway Questions

Write your responses below or on another sheet of paper.

After you are finished building, think about some of the questions below and write a paragraph about what you designed for your client.

In what ways did you work to make the habitat serve your client's needs? How will the habitat help create a healthier community? What do you like best about it? Is there anything you would like to change? What are some things you think your client will like best about it?

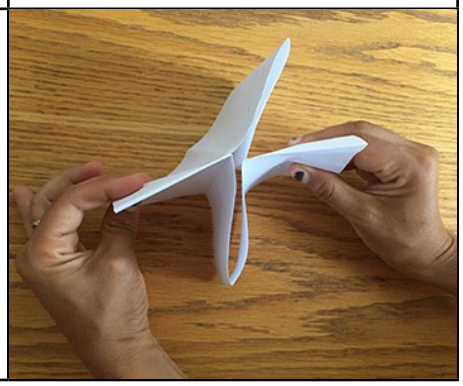
★ Day 5 Bonus Challenge: Create a Zine!

Your final challenge will be to create a Zine that shows someone else the steps and process you followed to create your client's habitat! A Zine is a DIY publication that can be about anything. Use it to share things you learned about, care about and made during this camp!

Materials needed:
- Plain white paper
- Pens, pencils or something to write with
- Scissors
- Stuff to create and collage with (old magazines and newspapers, stickers, markers, colored pencils, paint, glue, etc.)

Follow these steps to build your Zine!

Have this article open as you follow these steps: www.readbrightly.com/how-to-make-zine

STEP 1: Fold your sheet of paper in half so the shorter edge aligns with the other shorter edge (hamburger way). Then again. Then again a third time. When you open it up, you'll end up with 8 panels, 4 on top and 4 on bottom.	**STEP 2:** Fold your paper in half again (hamburger way). Cut from the center of the edge that is folded to the center of the paper (along the folded crease of one panel).	**STEP 3:** Open the paper up and fold it (hot dog way) along the fold that has the slit in it. Then, hold the paper at each end, and push the ends toward each other so they make an 8-page booklet (see image below).
STEP 4: Fill your Zine pages up by drawing or writing the steps that you took to design and build your client habitat. You can also write or draw what you know your client likes about the habitat and how it helps them and our world.	**STEP 5:** Share your Zine with family and friends so they can build their own habitats!	

Lesson adapted from Change, My Plan to Save the Planet by Wee Society

Architects in Schools
Summer Camp 2022

CONGRATS!

You have officially completed the 2022 Architects in Schools Summer Camp!

See the following page for an official certificate of completion

Architects in Schools
2022
Summer Camp

Certificate of Completion

The Architecture Foundation of Oregon now declares

_____
print your name

an official Student Architect and awards
a certificate of completion in the 2022
Architects in Schools Summer Camp!
Congratulations!

afo
architecture foundation of oregon