

Architects in Schools
Summer Camp

DAY 5

Friday, July 15

Final Project Day

*Please complete Day 4 activities
before moving ahead*

afo

architecture foundation of oregon

Hi Architects! It's our final day together! We have had such a fun time learning about sustainable design with you this week!

You have learned about why the many people who design and build our spaces think carefully about what materials they use, how they plan and how buildings can actually create their own sustainable energy. You've even learned about how buildings can be designed and built to be safe places for us even if an unexpected event happens like an earthquake.

You also learned about how small changes people make every day can have big impacts in how safe and healthy our environments are. Just like the kids in Egansville, you have been working and thinking about how you can use your creativity to help your community and world be a better, healthier place for everyone.

Now, you get to take some of what you learned to build your client a small structure that will have a BIG impact!

Day 5 Materials List

Use these materials to create your final project!

- Your Architect Journal
- Recycled materials or anything around your home that can be used for model building (i.e. cans, bottles and cups, shallow plate or pie tin, milk cartons, cardboard, toilet paper rolls, old t-shirts, etc.)
- Hollow tubes, corrugated cardboard or recycled plastic straws (Do not purchase new plastic straws. Use recycled straws only!)
- Twine or string
- Paint and paintbrushes (acrylic paint is recommended to withstand outdoor conditions)
- Craftsticks/popsicle sticks
- For bee habitats: sticks, leaves, bark and/or pinecones
- For bird/butterfly feeders: sugar & water, fruit & honey, or nectar flower seeds & soil
- For mini gardens: soil and beneficial flower seeds

**Join us for a
final celebration
today at
12:30pm PT!
[CLICK HERE
TO JOIN](#)**

Warm Up

Today is all about step 4 in the design process, which is to **create** your design. Keep your client drawing from Day 3 nearby as you build the structure you have designed for your special client. Make your habitat structure the right size for your client to use.

Let's take a look at some more habitats that people have made. You can also look back at some of the ideas on Day 4. Maybe they'll give you some inspiration. Be creative!



Bug Hotel



Butterfly Feeder

DAY 5

AiS Summer Camp



Mini Garden



Hummingbird Feeder



Bug Hotel



Butterfly Feeder

Preparing for Construction

Just like an architect, you are getting ready to hand over your plans and drawings to a contractor who will build the structure. Except in this case, you get to be the contractor, too!

Think about how much space your client will need and double check that you incorporated that into your plan. Some clients are much tinier than others and won't need as much room. Does your client need food in the space you've designed? If you chose the butterfly or hummingbird, they would appreciate a space for eating.

What makes this habitat work well for your client based on the research that you did? What materials are you using that will help them feel at home? You will be helping your community by helping your beneficial client have a safe place to live.

You can use any recycled materials. Recycled plastic bottles, wood, recycled pie tins, twine, sticks, pinecones and even rolled up cardboard are all great building materials. If you are planting some plants or seeds for your client, you will need some soil. You will also want to have glue, scissors and maybe a paint and paintbrush handy. **Get creative!**



Today's Camp Video

Hear from Alison and Sina one last time before the camp is over. They have some encouraging words to share with you as you begin constructing your habitat for your special client!



Day 5 Video: Preparing to Build

Watch now:

<https://youtu.be/wdxDwly7Gok>

Day 5 Activity: Let's Build a Habitat!

Now it's time to construct the actual habitat that you designed for your client! Your habitat will contribute to a healthier community for you and your neighbors.

As you get close to finishing your habitat, think about step 5 in the design process, which is to **improve** your design. Now that you've designed a space for your client, what would you change or improve? Did your design meet the needs you outlined on your Design Development Sheet?



It's impossible to get everything right the first time, which is why it's called the design *process*. There is always room for improvement, and it's okay if something doesn't work the way that you want the first time. You can keep using your creative mind to problem solve! As you build, think about what you can do to make your habitat the best it can be for your client.

Once you are done building, go to page 43 of your **Architect Journal** and reflect on all the decisions that went into your design.

Join Today's LIVE Celebration!

Today's LIVE session will be extra special because we will be celebrating YOU and all of your accomplishments this week! Make sure you login at 12:30pm PT. You'll have the chance to share something you designed this week!

**CLICK
HERE
TO JOIN**

★ Bonus Challenge: Create a Zine!

Make a Zine that shows someone else the 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 and made!

Follow the Day 5 Bonus Challenge steps on page 44 in your **Architect Journal** to complete this challenge.

Look at this guide to get started: www.readbrightly.com/how-to-make-zine/

Materials needed for the Bonus Challenge:

- 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.)

Share Your Work With Us!

Don't forget to take pictures and videos of the things you design, draw and build throughout this camp. We would love to see what you create! Plus, when you submit images of your work, you'll have the chance to be featured on our [shared camp board!](#)

Ask a parent or guardian to help you submit your work using this form: bit.ly/SummerCamp2022Shareyourwork

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people's work
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[TAKE ME
THERE!](#)