



# DAY 4

Thursday, July 14

*Small Changes =  
BIG Impact!*

*Please complete Day 3 activities  
before moving ahead*

# DAY 4

## AiS Summer Camp

**Hey Architects!** You are more than halfway through camp! Let's dive deeper into your final project today.

Remember learning about the **design process** on Day 1 of camp? Together we will use the design process to guide you through designing a habitat for your special client.

Throughout this week, our architect and engineer friends have reminded us that designers have to consider a lot of things when they design buildings in order to make them sustainable and safe. They have to think about how a building can take on forces from wind, rain and snow and how a building will survive unexpected weather events. They also have to think about things like where materials will come from, how to utilize daylighting, natural ventilation, renewable energy and more. The way designers make all of this possible is by making a bunch of small decisions that lead to one great space.

You will be doing the same thing for your client! There are a lot of things to think about when you are designing a space for them, but all those small decisions will help you create a great sustainable habitat that they will enjoy and feel safe in.



### Day 4 Materials List

*Keep these materials nearby as you work through today's lesson*

- Your Architect Journal
- A few sheets of paper
- Pencil and eraser
- Colored pencils, markers or crayons (something to color with)
- A flat surface to work on

LIVE Activity Materials:

- More of the materials listed above!

Join us for our  
LIVE Activity  
today at  
12:30pm PT!  
**CLICK HERE**  
**TO JOIN**

## Warm Up

As we mentioned before, climate change is a really big topic that impacts everyone across the world. There are lots of people of all ages who are very passionate about sustainability and making sure the Earth's resources are used wisely so they can support future generations. These **climate activists** are inspiring many others to care about climate change. They do this by coming together to tackle big issues. Each one of them contributes to a larger culture of change, helping people be more aware of climate change and its impact on us all.



Get to know a few youth climate activists who are doing amazing work to help combat climate change! This panel conversation is long, so don't worry about watching it all. We just want you to briefly hear from some of the young voices who are creating a big impact in Oregon!

Watch here (start at 14:10): <https://youtu.be/aSECcnt9cEQ?t=848>

Here are some youth climate groups to check out and get involved with, if you would like to. Or you can get some friends together and start a climate group at your school or in your community!



Sunrise Movement  
[www.sunrisemovement.org](http://www.sunrisemovement.org)



Portland Youth Climate Council  
[pdxclimatecouncil.wixsite.com/youth](http://pdxclimatecouncil.wixsite.com/youth)



Our Children's Trust  
[www.ourchildrenstrust.org](http://www.ourchildrenstrust.org)



Our Future Oregon  
[www.ourfutureoregon.org](http://www.ourfutureoregon.org)

# DAY 4

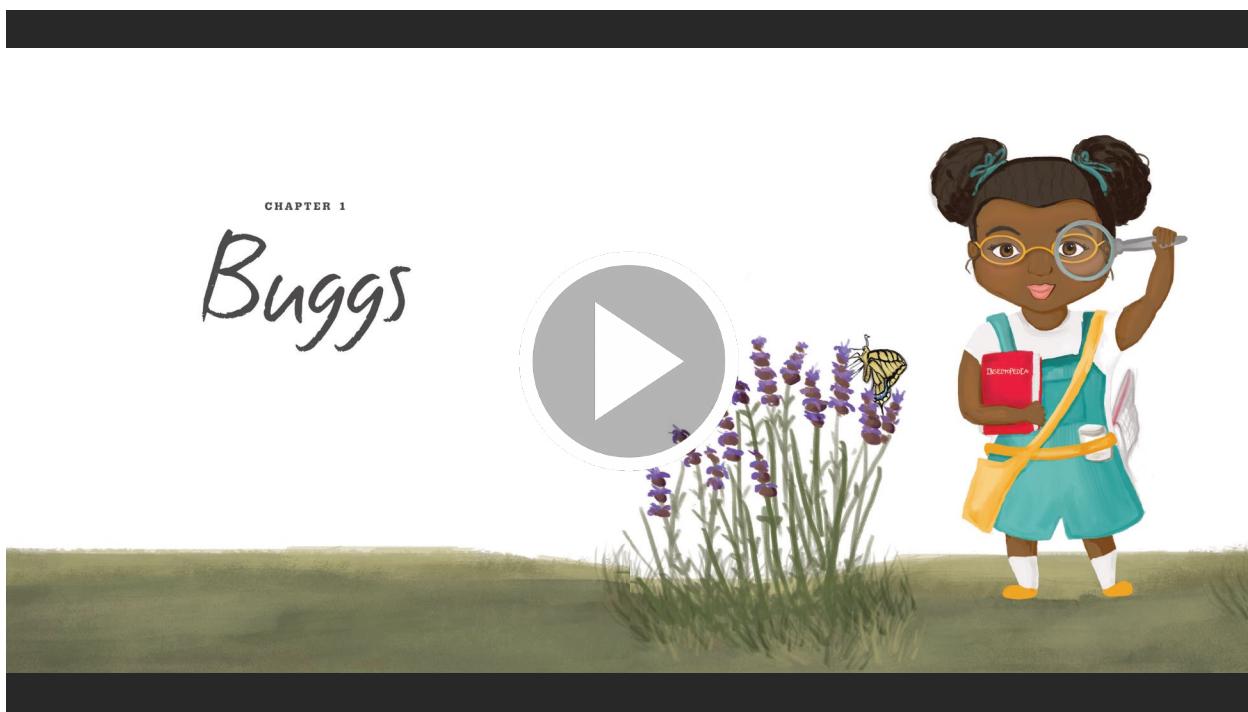
## AiS Summer Camp

### Today's Read Aloud Video

Are you ready to get back to the kids of Egansville? Today is your last day exploring this book with Jeremy. He will take you through Buggs' story and how she brought the whole crew together to design a very important structure to harness a very important resource that was once scarce in the town of Egansville - water!

You can read the full eBook here: <https://bit.ly/egansville>

Don't forget to come back to this document when you are done with the read aloud video. We have another exciting video for you to watch after this one!

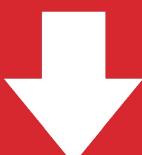


### Day 4 Read Aloud: Buggs

Watch now:

<https://youtu.be/q7crnQXfw3M>

Continue scrolling  
for another video!



# DAY 4

## AiS Summer Camp

### Today's Camp Video

Today you get to spend time with our architect friend Alison. She will walk you through the Design Development Sheet that you can find on page 35 and 36 of your Architect Journal. This exercise will help you plan and build a special structure for your special client!

Keep your journal nearby and think about your chosen client as you watch today's video. This video will take you through the first three steps of the design process, which is to Ask, Imagine and Plan!



### **Day 4 Video: Get to Know Your Client**

Watch now:

<https://youtu.be/D2zIAxoGprI>

## Interesting Habitat Examples

Check out the images and links below. These fun habitats might spark some ideas and help you think about how you will design one for your client. We encourage you to think out of the box and reuse materials that you already have!

### Bug Hotels



[meganzeni.com/bug-hotel](http://meganzeni.com/bug-hotel)



[www.redtedart.com/simple-bug-hotel-for-kids/](http://www.redtedart.com/simple-bug-hotel-for-kids/)



[bit.ly/urbangardens-bughotel](http://bit.ly/urbangardens-bughotel)

### Butterfly and Bird Feeders



[bit.ly/diyncrafts-butterflyfeeder](http://bit.ly/diyncrafts-butterflyfeeder)



<https://youtu.be/t9kC1lOF1lk>



[bit.ly/audubon-birdfeeder](http://bit.ly/audubon-birdfeeder)

### Mini Gardens



[bit.ly/balconygarden-verticalgarden](http://bit.ly/balconygarden-verticalgarden)



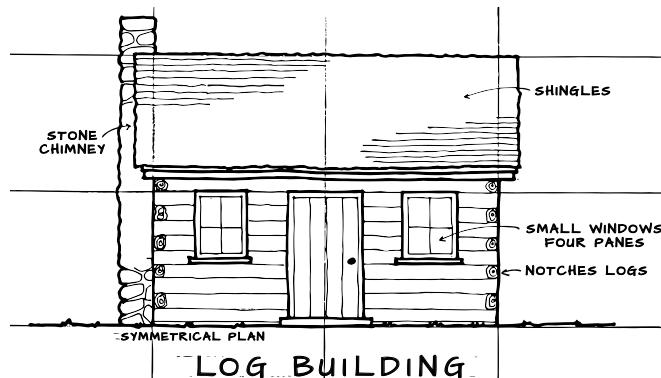
[bit.ly/minigardens-hgtvhome](http://bit.ly/minigardens-hgtvhome)

### Day 4 Activity: A Special Structure for a Special Client

After you have watched today's video, go to page 35 of your **Architect Journal** and continue working through the Design Development Sheet. Remember to continue thinking about what your client needs and how you can design and build a habitat that is sustainable and safe for them.

To help you imagine and plan what your habitat will look like, work through the elevation activities on page 37 and 38. An **elevation** is an architectural drawing that shows an exterior wall or face of a building.

Elevation drawings are an important tool that architects use to not only show what a building exterior will look like, but to also identify building materials, the height of a building, and details that are important for contractors to know before they start constructing a building.



When an architect is designing a building, they will create an elevation drawing for each side of the building to show what every building face will look like. Creating elevation drawings is an essential part of the **design process**.

### Join Today's LIVE Activity!

Make sure you login to our LIVE camp activity today at 12:30pm PT. We'll help you get started on your elevation drawing!

**CLICK  
HERE  
TO JOIN**

## ★ Bonus Challenge: Your Client Biography

This is a creative writing challenge! What's your client's story? 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!

Follow the Day 4 Bonus Challenge steps on page 39 and 40 in your **Architect Journal** to complete this challenge.

Materials needed for the Bonus Challenge:

- Your Architect Journal
- Paper
- Pencil and eraser
- Colored pencils, markers or crayons (something to color with)

## 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](https://bit.ly/SummerCamp2022Shareyourwork)

See other  
people's work  
on our shared  
camp board!  
[TAKE ME  
THERE!](#)