



PLTW Virtual Learning

7th and 8th Grade Design and Modeling

April 17, 2020



Lesson: Zoo Animal Enclosure Design Challenge Day 5

Objective/Learning Target:

Students will create a presentation to display their animal enclosure to their client.

Warm-Ups:

What is your favorite thing about giving a presentation?

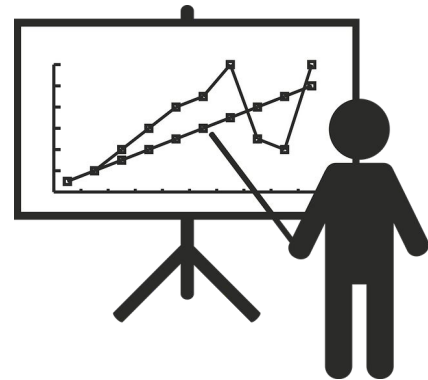
What is the worst thing about giving a presentation?

Gather up your Zoo and Animal Notes, Brainstorm hand drawing of the enclosure, Computer drawing of enclosure.

Lesson Introduction/Background Information:

That's right, it's presentation time. This is the last step in the design process.

Today you are going to create a persuasive presentation for your client, the Kansas City Zoo. Your job is to share your animal research and the enclosure you have designed for them.



Practice:

First you want to write out what you are going to say.

As you are writing make sure to include these topics:

- How does your animal enclosure give the animal a great quality of life?
- How will your design impact visitors at the Zoo?
- How does this design fit into the mission/vision of the KC Zoo?

Try to write at least a page for your presentation.

Practice:

Now that you know what you will be saying, it is time to create a visual aid that will help you in your presentation. The next slide will give you some options for formatting this presentation, but you can pretty much use whatever you are comfortable using, or that is available to you.

Be sure to include:

- Title
- Highlight key information
- Visuals- pictures of your animal and don't forget your design

Presentation Format Options

Computer options:

[Google Slides](#)

Microsoft PowerPoint

[Prezi](#)

[Powtoon](#)

Non-computer options:

Poster

Self-Assessment:

Practice giving your presentation.

Speak out loud and refer to your visuals.

Talking to a mirror helps when practicing because it lets you see your facial expressions. Do you look confident? Nervous?

Watch this [video](#). Which tips are you doing well already? Which tips do you still need to work on?



Extend Your Learning/Continued Practice:

Give your presentation to the people in your house. Have them act like a panel representing the Kansas City Zoo. When you are finished see if they have any questions about your research or design.

Did you convince them to build your animal enclosure?



GREAT JOB THIS WEEK!