



PLTW Virtual Learning

7th and 8th Grade Design and Modeling

April 28, 2020



Lesson 17: Multi-view Tour of the World Day 2

Objective/Learning Target:

Students will research and draw a world landmark using the multiview technique.

Warm-Up:

List 3 facts you remember from your virtual visit the the Golden Gate Bridge yesterday.

- 1.
- 2.
- 3.

Lesson Introduction/Background Information:

This week we will be going on a **Multi-View Tour of the World**. Each day we will virtually visit a famous landmark, learn background information, and finally draw it's front, top, and side view.



Lesson Introduction/Background Information:

The second stop on this world tour are the Pyramids of Giza in Egypt. Not only are these pyramids a famous landmark, they are also considered one of the 7 wonders of the Ancient World.



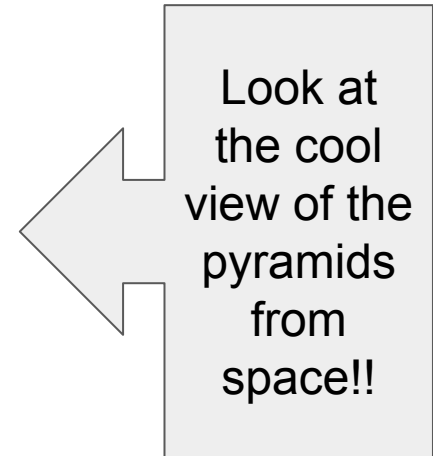
Lesson Introduction/Background Information:

What makes these structures so amazing?

Why do they get about 8 million visitors a year?

As you visit these websites, take notes over what you learn.
Make sure to answer the questions on the next slide in your notes.

[Pyramid History](#)



Practice:

1. What was the purpose of the pyramids?
2. Who was the Great Pyramid built for? How old is it?
3. What is the height of the pyramid?
4. How long did it take to build?
5. What material was used to build the pyramid?
6. List 4 other interesting facts you learned in your research.

Practice:

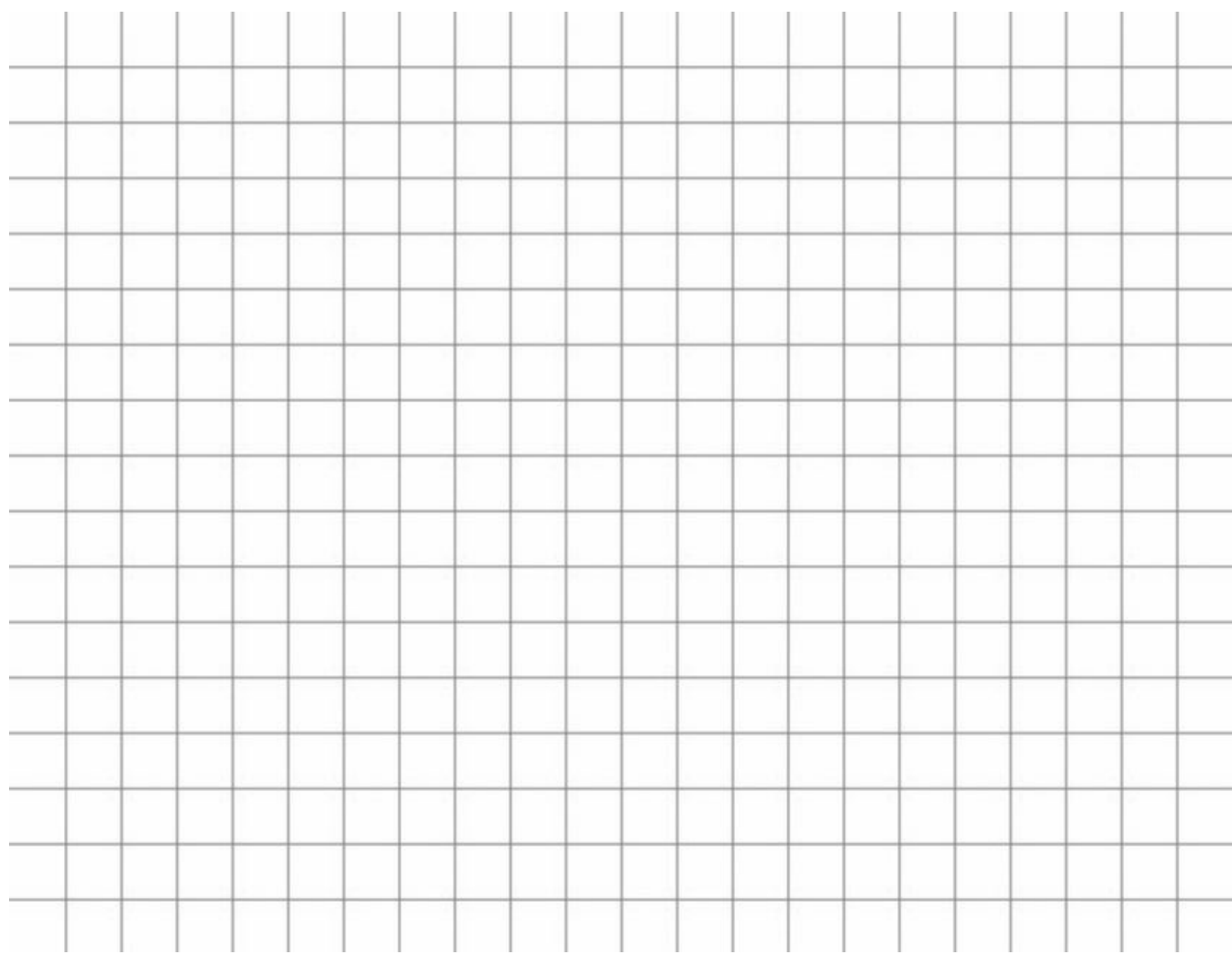
Now it's time to take what we learned last week about multi-view drawings and use those skills to draw the pyramids like an engineer would.

What would the Great Pyramid look like from the top, front and right side?

These websites may help you while drawing

[360 View of Pyramids](#)

[Google Maps of Pyramid](#)



Self-Assessment:

How did you do on your multi-view drawing?

Show your household your picture and see if they can guess the famous landmark.

Extend Your Learning/Continued Practice:

Explore this website to learn more about this amazing structure.

[Pyramids of Giza](#)