



PLTW Virtual Learning

7th and 8th Grade Design and Modeling

April 30, 2020



Lesson 19: Multi-view Tour of the World Day 4

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 to Big Ben 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 fourth stop on this world tour is the Colosseum in Rome, Italy. It is also one of the Seven Wonder of the Modern World.



Lesson Introduction/Background Information:

What makes this structure so amazing?

Why does it get over 6 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.

[National Geographic](#)

[Colosseum History](#)



Aerial view
of the
Colosseum.

Practice:

1. When was it built?
2. What was the Colosseum used for?
3. How is the construction of the Colosseum different than other amphitheaters built during that time?
4. How many spectators could the building hold?
5. List 4 other interesting facts you learned in your research.

Practice:

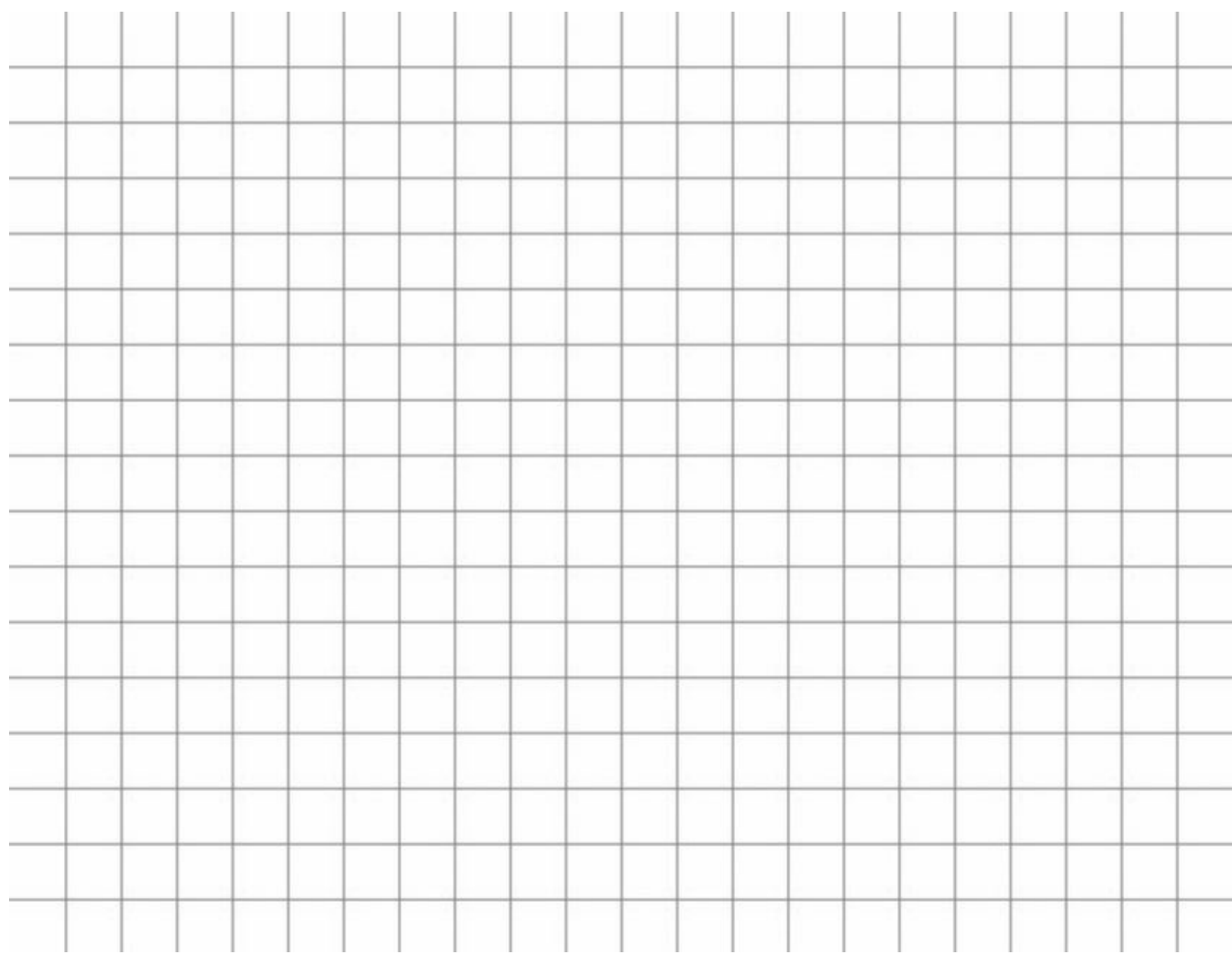
Now it's time to take what we learned last week about multi-view drawings and use those skills to draw the structure like an engineer would.

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

This website may help you while drawing

[360 Tour Colosseum](#)

[Google Maps Colosseum](#)



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.

[Colosseum](#)