



PLTW Virtual Learning

# 7th and 8th Grade Design and Modeling

April 29, 2020



## Lesson 18: Multi-view Tour of the World Day 3

### **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 Pyramids of Giza 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 third stop on this world tour is Big Ben in London, England.



# Lesson Introduction/Background Information:

What makes this structure so amazing?

Why do they get about 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.

[Big Ben History](#)



## Practice:

1. What is Big Ben famous for?
2. What other names has Big Ben had?
3. What is the height of the tower?
4. How long are the hands on the clock?
5. What type of clock is Big Ben?
6. List 4 other interesting facts you learned in your research.

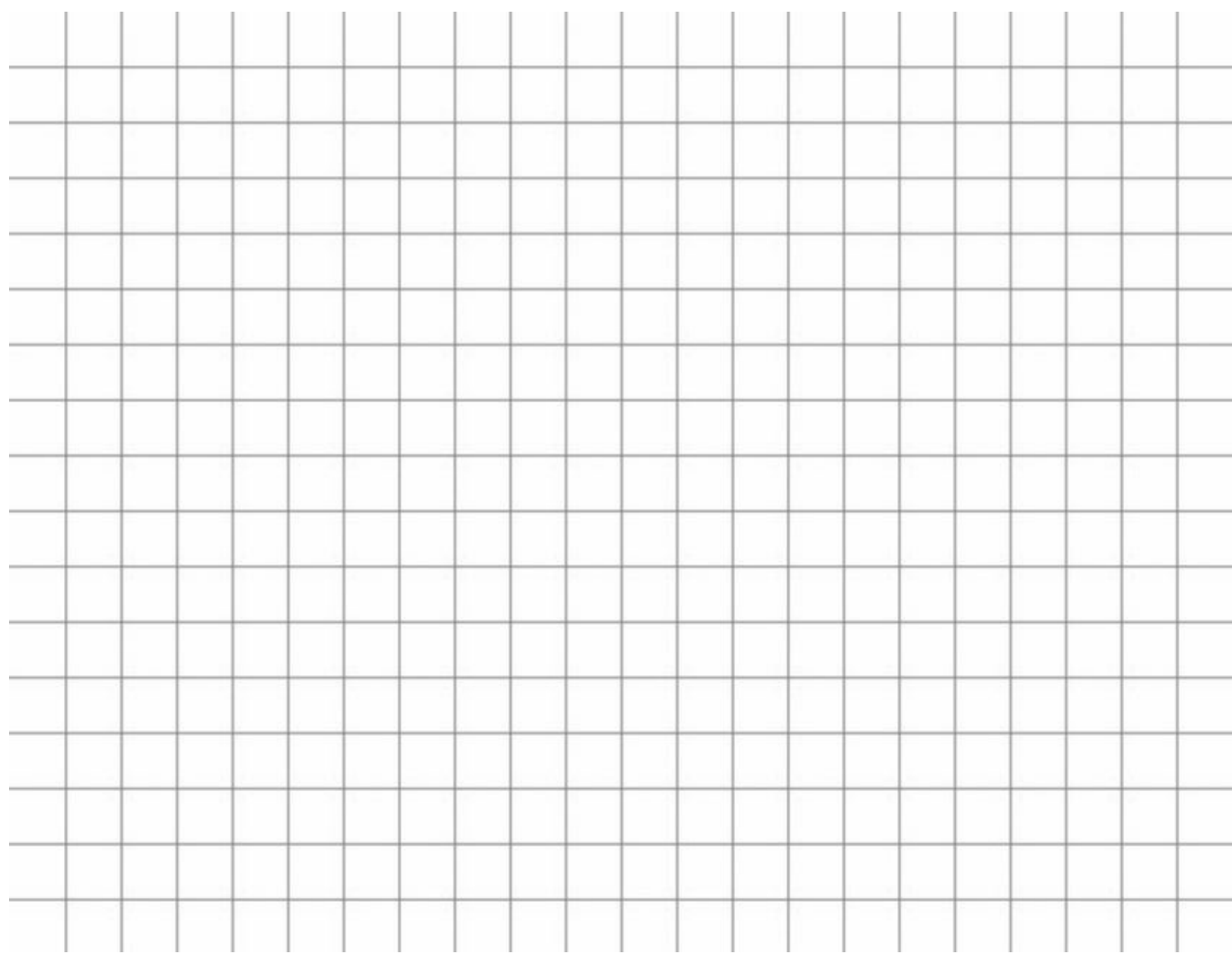
## Practice:

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

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

This website may help you while drawing  
[360 of Big Ben](#)





## 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.

[Big Ben](#)