



PLTW Flight and Space Virtual Learning

**8th Grade/Aerospace  
Infomercial Project**

May 6, 2020



8th Grade/Flight and Space  
Lesson: May 6, 2020  
Day 3 of 3

**Objective/Learning Target:  
Students will design and present their own futuristic  
aerospace vehicle.**

# Warm-Ups:

Record your answers to the following questions on your [Cornell Notes](#) or notebook paper.

- What do you like best about the vehicle you have designed?
- Could it actually be made with today's technology?
- Why did you choose this vehicle?

# Lesson Introduction/Background Information:

You will need to determine your ability to take videos and have access to them on your computer. If you can upload videos to your computer I suggest you use WeVideo. If you can't get video uploaded to your computer then use Powtoon. Watch the tutorial for the type of presentation you will be doing.

[WeVideo](#)

[WeVideo tutorial](#)

[Powtoon](#)

[Powtoon tutorial](#)

Remember, the purpose of your infomercial is to inform the audience about the advantages and characteristics of your futuristic aerospace vehicle. The infomercial message must compare an existing or historical aerospace vehicle with your idea of what might be possible in the future.

## Practice:

Watch a [PLTW student infomercial](#). These boys did a great job of including factual information about their historical rocket. They then told you how their improved version would make rockets better. Use your chosen platform, WeVideo or Powtoon to make your infomercial.

Please email your teacher with your finished product!

## **Self-Assessment:**

In your notes, describe what you learned about aerospace vehicles. Now describe what you learned about making an infomercial.

# Extend Your Learning/Continued Practice:

Learn more about [Aerospace Vehicles from NASA](#).

[ScienceDirect](#) also has some great information on aerospace vehicles.