**Grade 6 Flight Webquest**

**Bernoulli’s Principle Notes**

1. What do each of the four forces on an airplane do?

Drag:

Weight:

Lift:

Thrust:

 \*\*Watch the video for more explanation. Record anymore notes for yourself in point form you think are important.

* Beroulli’s Principle (define):



* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a wing creates a longer distance from front to back than the straight bottom. This causes the \_\_\_\_\_\_\_on top to travel \_\_\_\_\_\_\_\_\_\_\_, and thus \_\_\_\_\_\_\_\_\_\_, to reach the back than the air underneath, creating a difference in \_\_\_\_\_\_\_\_\_\_\_\_ between the two surfaces.
* Who was Bernoulli?
* Why does the ping pong ball stick to the bottle? What is occurring?
* Read over the History of Flight. Complete the activity (you will need to complete a Research sheet and Biography sheet. When you have completed these print them off.