



## Drones in the Classroom

4. Check out the image found here: <https://phantompilots.com/attachments/1561113362226-png.112200/>. Add any additional ideas to your information above and/or drawing
5. Watch the presentation here: [https://docs.google.com/presentation/d/10Kt--13OJjqOGDdiL\\_gxHQzX5DCjfP-9t3UN-fs6NfY/edit?usp=sharing](https://docs.google.com/presentation/d/10Kt--13OJjqOGDdiL_gxHQzX5DCjfP-9t3UN-fs6NfY/edit?usp=sharing) Take notes below.

Knowledge check:

What is the difference between pitch and yaw?

- a. pitch is movement from front to back; yaw is around a center point
- b. pitch is movement from left to right; yaw is front to back
- c. pitch is movement around a center point, yaw is left to right

Match the terms to the definitions

Thrust	relative mass or quantity of matter
Weight	force that acts against the weight of the aircraft, taking it up in the air
Drag	force generated to move upward
Lift	a mechanical force that opposes the motion of any object through a fluid

5. Observe the drone type you have in your classroom. Examine the props and the direction they move by blowing lightly on each prop and make a diagram of the props and rotation of each.
6. Visit the programming app your class will use. Practice connecting your drone to the app.

