**Air and Flight Review**

**Please complete the following to prepare for our Science Test that will be written on Thursday, January 24.**

1) What is Bernoulli’s Principle?

2) How does a hovercraft work?

3) What is matter? Is air matter? What proof have we seen?

4) What is the most important factor required for flight? Support your answer with specific information.

5) Describe how a helicopter flies.

6) Draw a diagram of an airplane, and label as many parts as possible.

7) Define pitch, roll, and yaw; identify the control surfaces on an airplane that affect each of the movements.

8) Besides flight, what other important applications are there for air pressure.

9) What are fluids? Provide a few examples and explain why they are fluids.

10) What is an airfoil? Include a diagram.

11) What are the “Four Forces of Flight”? Use a labeled diagram in your answer.

12) What other important or interesting things have you learned about flight?