



Bill Nye the Science Guy

Flight

Please use the following YouTube site to view the video:

<https://www.youtube.com/watch?v=E99md2cymhU>

1. _____ **Air pressure** _____ makes things fly.
2. Air moving over wings creates _____ **lift** _____.
3. Air going below the wings is moving _____ **slower** _____ compared to the air moving above the wing.
4. The slower moving air creates a _____ **difference** _____ in air pressure below the wings creating lift.
5. What causes the balloon to expand and give them shape? _____ **Air pressure** _____
6. How do planes get air moving quickly over their wings? _____ **Engines** _____
7. To be a pilot you need to take a lot of _____ **math** _____ and _____ **science** _____ courses in school.
8. The pressure of moving air is called _____ **lift** _____.
9. Scientists test airplane wings in a _____ **wind tunnel** _____.
10. Planes take off and land into the _____ **wind** _____.
11. Helicopters work the same way as planes, they both use differences in _____ **air pressure** _____ to create _____ **lift** _____.