

Why Don't Planes Fall out of the Sky?

Most planes are made of metal and are bigger than a house. How do they stay up in the air?

Planes fly because air pushes up on their wings. This is called lift.

The wings are curved on top. Air moves fast over the curves.

The wings are flatter on the bottom. Air moves more slowly across the bottom of the wing.

Slower moving air pushes harder on the wing than faster moving air. So, the air under the wing pushes the plane up.

That is how planes stay up in the sky.

Why Don't Airplanes Fall out of the Sky?



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Pre-Reading Questions

Have you flown in an airplane? How high do airplanes go? How do airplanes fly? In this story, we will learn how airplanes stay up in the sky.

Comprehension Questions

1) Airplane wings are pushed up by _____.

- A. air**
- B. metal
- C. clouds

2) The force on a wing that makes the plane fly is called _____.

- A. push
- B. lift**
- C. speed

3) The air that moves across the bottom of the wing moves _____.

- A. more slowly than the air on top**
- B. more quickly than the air on top
- C. at the same speed as the air on top