

How Do Birds and Aeroplanes Fly?

Birds and aeroplanes use **thrust** and **lift** to counteract the force of gravity acting on them. The body of birds and planes are designed in such a way that when moving through the air there are fewer air molecules hitting the bottom than the top, creating an upward lift. If the force of the air molecules pushing up is greater than the pull of gravity they stay afloat in the air. They move forward because the wings of the birds and the engines on the wings of an aeroplane push enough air back to move them forward.