

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 **below** on them and more air molecules **above** on them. 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.