

Name _____

**Day
2**

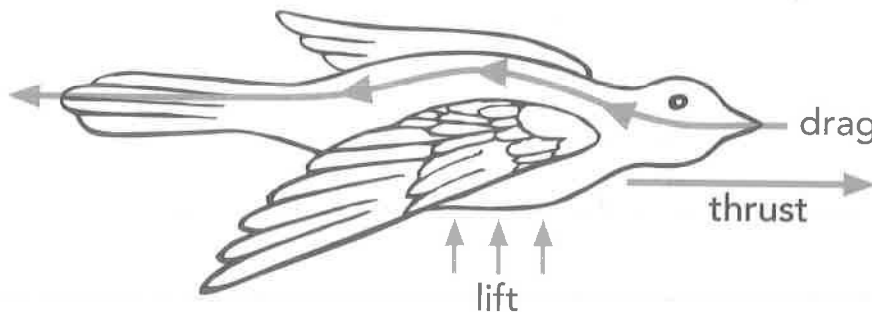
Weekly Question

How do birds fly?

When a bird flaps its wings, it uses power to move it forward. This is called **thrust**. But as the bird flies, the air around it slows the bird down. This is called **drag**. Drag slows down anything that flies through the air.

To overcome drag, a bird's wing is curved. Air flows over and under it. Air moving above and over the wing has lower pressure. The air below the wing has higher pressure. This creates a force known as **lift**.

Use the diagram to help you answer the questions below.



1. Where is air pressure the lowest, over or under a bird's wing? _____
2. Where is air pressure the greatest, under or over a bird's wing? _____
3. What is the forward movement of a bird called? _____
4. If air causes drag on a bird, what causes drag on a fish? _____

Daily Science

**Big
Idea 4**

WEEK 4

Vocabulary

drag

the force of air pushing against a flying animal or object

lift

air pressure under a flying animal or object that lifts it higher

thrust

forward movement by a flying animal or object