Name _____

Soaring High: The Science Behind Bird Flight

Short Answer Key

1. Hollow bones in bird anatomy serve to reduce weight while maintaining strength.
2. The shape of bird wings contributes to generating lift by creating a pressure difference as air flows over the wing surfaces.
3. Bird flight muscles provide the strength and endurance required for sustained flight by powering the flapping motion of the wings.
4. Birds adjust their flight speed, direction, and altitude by adjusting the angle of their wings and tail feathers.
5. Birds need powerful flight muscles to provide the strength and endurance required for sustained flight.