

Name \_\_\_\_\_

## Zooming Through the Air: How Houseflies Move

### Open-Ended Response Answer Key

1. Houseflies need to move quickly to escape predators and find food in their fast-paced environment.
2. Their legs help them climb and stick to surfaces, while their wings allow them to escape danger and move quickly between locations.
3. Without halteres, houseflies might struggle to stay balanced in the air, making them slower and easier to catch.
4. Studying housefly movement can teach us about flight mechanics and inspire designs for small flying robots.

