

Name _____

How Cockroaches Get Around: Masters of Movement

Open-Ended Response Answer Key

1. Running is the cockroach's main method of moving because it is fast, efficient, and allows them to escape predators quickly.
2. Cockroaches' physical features, like spiny legs, flat bodies, and agility, help them climb, hide, and escape danger easily.
3. If cockroaches couldn't climb, they might have to rely more on hiding on the ground, making them more vulnerable to predators.
4. A robot designed like a cockroach might have spiny legs for climbing, a flat body to squeeze into tight spaces, and agility for quick direction changes to mimic the insect's survival skills.

