

Name _____

Penguin Power: Unique Adaptations for Survival

Open-Ended Response Answer Key

1. Penguins have respiratory adaptations such as the ability to close off their nostrils and store oxygen in their blood and muscles, enabling them to dive to incredible depths.
2. The huddling behavior of penguins helps them survive in the harsh Antarctic winter by reducing heat loss and keeping each other warm.
3. Penguins' streamlined bodies reduce drag in the water, allowing them to swim with speed and agility.
4. The oil gland near the base of a penguin's tail produces oil, which the penguin uses to preen and condition its feathers, ensuring maximum waterproofing.

