

Name _____

Exploring Autotrophs: Nature's Self-Sustainers

Short Answer Key

1. Autotrophs produce their own food through photosynthesis or chemosynthesis.
2. Plants, algae, or bacteria (any one is acceptable).
3. Autotrophs release oxygen as a byproduct of photosynthesis, which is essential for life.
4. Autotrophs form the base of the food chain by producing organic compounds that other organisms consume.
5. The main idea of the passage is that autotrophs play a vital role in sustaining life on Earth through their ability to produce their own food and provide energy for other organisms.

