

Name:

Date:

Class:

Week 2 Questions **Answer Key**

Algae - Week 2 Questions

- When algae grows densely and out of control, it is called a(n):
 - Coral reef.
 - Green blanket.
 - Toxic waste.
 - Algal bloom.**
 - Plant life.
- True** or false: Large algal blooms can be seen from space.
- Algae may become our biggest weapon against climate change.
- Algae provides more than half of the oxygen in our atmosphere via phytoplankton and seaweed and consumes more carbon dioxide than trees.
- Which of the following are uses for algae? Select all that apply.
 - Nutritional supplements**
 - Pigment for latex paint
 - Food for humans**
 - Cleaning the air**
 - Food for marine life**
- Name another use for algae that is being considered or researched. **Answers will vary but may include biofuels or removing contaminants from air.**
- Which of the following are negative effects of algae growth? Select all that apply.
 - Contaminating public water supplies**
 - Blocking sunlight, causing other aquatic plants to die**
 - Indirectly causing illness or death to whales, sea lions, otters, and manatees**
 - People who eat contaminated food could suffer diarrhea, illness, and death**
 - Indirectly killing fish, shellfish, and other marine animals**
- Cyanotoxins can injure or kill land-dwelling creatures.
- Which of the following is NOT a toxin that can result from algae?
 - Cylindrospermopsin
 - Acetaldehyde**
 - Microcystin
 - Saxitoxin
 - Anatoxin-a
- True** or false: The U.S. Military has previously developed algae toxins as chemical weapons.