

## Algae Post-Quiz **Answer Key**

**1. What is a biofuel?**

Biofuels are chemicals from plants that we can use for energy.

**2. What are algae?**

Algae are tiny plants that grow quickly in many places around the world. People do not usually eat them. Algae contain oil, starch and cell walls.

**3. What do biological engineers do?**

Biological engineers are experts in biology but also use math, physics, chemistry, mechanical systems and computer technology to solve problems.

**4. Why do biological engineers want to use algae for biofuels?**

Algae grow very quickly and can grow in many locations around the world. Biological engineers do not want to use food to make fuel for cars and people do not usually eat algae. Algae also has three parts that can be used to make biofuels.

**5. What parts of algae can we make into biofuels?**

The oil and starch inside the algae cell can be made into biofuels. After they are broken down, the cell wall material can be made into biofuels.

**6. Why do biological engineers want to know about algae cell walls?**

Engineers need to open the cell walls to get to the starch and oil. The cell walls can also be used for making biofuel.