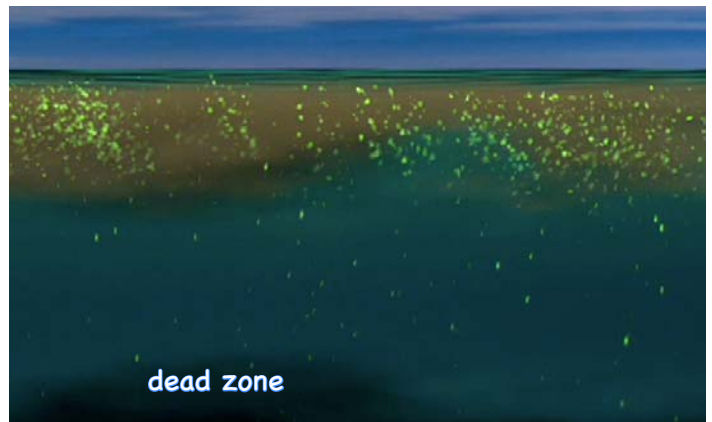


Name \_\_\_\_\_ Date \_\_\_\_\_

**Directions:** Write your responses on this sheet or on separate paper.

1. What are *phytoplankton*, and what do they need in order to grow?
2. How are space satellites used to study the distribution of phytoplankton in Earth's oceans?

3. What causes a *dead zone* in the ocean?



4. Besides phytoplankton, what else could scientists study using the SeaWiFS satellite?

5. Phytoplankton are beneficial for ocean food webs and for life on Earth. But they also cause dead zones in the ocean that can kill animals. What should be done about phytoplankton?