



Beyond the Dead Zone, Part I

Define each term using the boxes below it. On the left write what you think the meaning of the term is BEFORE watching the video, then as you watch expand upon your definition in the right column.

Before Video	After Video
1. Wetlands	
2. Eutrophication	
3. Dead Zone	
4. Stormwater Treatment Areas	
5. ppb	
6. Emergent Vegetation	
7. Periphyton	



Use the questions below to guide your notes as you view *EarthEcho Expedition: Beyond the Dead Zone, Part I*.

1. Name two ways that agriculture has changed the Florida Everglades.
 - a.
 - b.
2. As water runs off from agriculture lands, it is directed through two different types of treatment cells. What are they?
 - a.
 - b.
3. What role do cattails play in removing phosphorous from the water column?
4. How does periphyton remove phosphorous from the water column?
5. High nutrient content is not just a problem for the Everglades. How can high nutrient loads affect coral reefs?
6. How can you aid in reducing nutrient runoff in your own community?