## Questions for “The PBS NewsHour: Endangered Coral Reefs Die as Ocean Temperatures Rise and Water Turns Acidic”

**During the Video:**

1. Coral reefs in Florida Keys have declined by \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Caribbean reefs have declined by \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. What two human activities are affecting the reefs in the Florida Keys the most?
4. What are ecotourists?
5. How are the eco tourists helping the coral reefs?
6. What is the biggest challenge the coral is facing?
7. The increased carbon in the oceans has caused the global sea surface temperatures to increase by \_\_\_\_\_\_\_\_\_\_\_\_ over the last \_\_\_\_\_\_\_\_\_\_\_\_\_.
8. What is the effect of increased sea temperatures on coral?
9. Other than warming the ocean, what else does the CO2 do to the oceans?
10. What is the effect of acidification on marine animals?
11. When corals are exposed to the expected CO2 levels for 2100, what happens to the coral?
12. Other than food for marine life, what else do coral do?

**Post-Video Big Ideas:**

1. What is the relationship between sea surface temperatures and carbon dioxide concentration?
2. What is the relationship between carbon dioxide concentration and the acidity of the oceans?