

Coral Bleaching Tagging Activity

Student Worksheet

1. Obtain 5-10 coral pieces from your teacher
2. Fill out the chart below by testing each coral piece in the 'Hot' water beaker and determine if the coral has bleached or not. If applicable, make sure to note which species of coral you are testing.



Tag #	Coral Species	Bleaching (Yes/No)

*Photos provided by the Coral Resilience Lab; for more information and photo credits, please consult this [link](#)

3. Compare your results with fellow classmates to see if any observations overlapped.

4. Design a scientific hypothesis that could explain the results you are seeing.

Answer the following questions based on what you have learned from your teacher, the Coral Bleaching Activity, and any alternate media.

1. What is coral and why is it important to marine ecosystems?

2. Describe what happens when coral bleaches. Why does coral bleach?

3. If coral bleaches during an ocean warming event, can it recover? What happens after coral bleaches?

4. How are increases in human population and per-capita consumption of natural resources impacting Earth's systems? How have these impacts changed in the last century?

