



Name: _____



OUR CHANGING OCEANS

1. Ways we create carbon dioxide (CO_2) emissions in our everyday lives:

2. Watch Video 1 and fill in the spaces from the box (each word or number should only be used once):

harder
absorbed

30
acidic

carbonic acid
dissolve

food
70

shrink

Oceans cover _____ % of Earth's surface.

When carbon dioxide (CO_2) is _____ into seawater, it dissolves and becomes

_____.

The water becomes more _____ In the last 200 years, seawater has become
_____ % more acidic. That makes it _____ for some sea creatures to make their
shells/ exoskeletons and it can _____ their shells. Increased acidity causes reefs to
_____ and makes it harder for some fish to find _____

Ocean Acidification Investigation

3. What happened to the chalk you put in water? _____

4. What happened to the chalk you put in vinegar? _____

5. What can we do to help the ocean stay less acidic? _____

