

NOVA: LETHAL SEAS



A deadly recipe is brewing that threatens the survival of countless creatures throughout Earth's oceans. For years, we've known that the oceans absorb about a quarter of the carbon dioxide in our atmosphere. But with high carbon emissions worldwide, this silent killer is entering our seas at a staggering rate, raising the ocean's acidity. It's eating away at the skeletons

and shells of marine creatures that are the foundation of the web of life. NOVA follows the scientists making breakthrough discoveries and seeking solutions. Visit a unique coral garden in Papua New Guinea that offers a glimpse of what the seas could be like a half-century from now. Can our experts crack the code of a rapidly changing ocean before it's too late?

I want you to watch this episode in class (it is also available here:
<http://www.pbs.org/wgbh/nova/earth/lethal-seas.html>)

This will be due on Thursday, May 28, 2015

What are infant oysters called?	
What gas does the ocean sequester (store)?	
Why are corals susceptible to acidifying oceans?	
Where is the coral reef that is withstanding high ocean acidity?	
Plankton are tiny but important sea creatures... why?	