



Acidification experiments

Record sheet

Names: _____

Experiment 1: breath in water

Colour at start: _____ Colour after 1 minute: _____

What does the change tell you? Write the chemical equation.

Experiment 2: shells in acid

Liquid	Mass at start (g)	Mass after 24 h (g)	Change (%)	What we saw
Water				
Soda water				
Vinegar				

Percentage change = (mass after – mass at start) ÷ mass at start × 100

Which lost the most mass? Why?

Why is vinegar not a fair model of the real ocean? How could you make a better one?

What might acidification mean for coral reefs?
