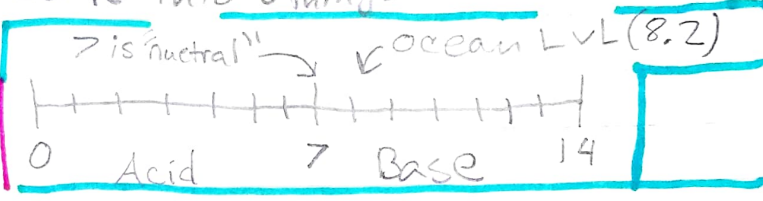
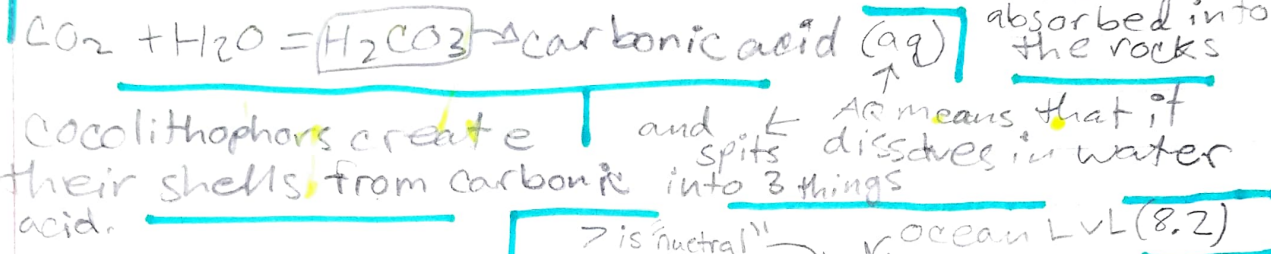


Red Hill Sidings  
 Millers  
 Bio 10, per 4  
 10 October, 2024

# Bio Notes 10/10/2024

$CO_2$  → Oceans  
 40% of  $CO_2$  is being absorbed by the ocean. This allows for creatures to grow shells. The  $CO_2$  is absorbed into the rocks.



Cities must tear up lead pipes now because it would poison their water.

PB is the chemical symbol (Plumbum) from the Romans and the empire fell because if they were rich, they had lead plates, and it made them "retarded."

Concentration ← fundamentally, concentration is a ratio of {something}  
 Ratio →

Our  $CO_2$  is currently 430 ppm =  $\frac{0.000430}{1} g CO_2$

salt in the ocean is only 35 ppt =  $\frac{0.035}{1} g Salt$

The government has said the "safe level" of lead in our water is 5 ppb, but it should be 0.

The oceans are becoming more acidic on the scale. When the oceans cross the neutral line (7), they will become acidic. This will cause the oceans to foam. This releases  $CO_2$  back and the world will superheat, killing all life. (what happened in the Paleocene Extinction Thermal Max.)

