

## AP Biology Lab 02 – Enzyme Catalysis

### Video Review Sheet

[www.bozemanscience.com/ap-bio-lab-3-enzyme-catalysis](http://www.bozemanscience.com/ap-bio-lab-3-enzyme-catalysis)

1. Where is catalase found and what is its job?
2. Why does hydrogen peroxide bubble when you put it on a wound?
3. What is a catalyst?
4. What will catalase break down hydrogen peroxide into?
5. Diagram the experiment he discusses:
  
6. What are you measuring (what is it telling us?) when you time how long it takes to float?
7. What could you have measured to know the rate of the reaction? (2x)
8. In your lab you are varying the concentration of the enzyme, but what other variables could the reaction be affected by? Predict how each of these variables could impact the experiment. (4x)