

7. Now, next to the enzyme draw the two substrates and draw a line from the substrate to where it would fit in the active site.
8. Go back to your curve in question 4, and draw an enzyme catalyzed reaction. Label the curve as such.
9. After the enzyme catalyzes the reaction, what does it release? _____

What affects enzyme activity?

10. Hexokinase is found in cells and works best at what temperature? _____
11. Click on the flame to increase the temperature. Describe what happened to the enzyme.

First Enzyme Activity

12. Draw a reaction curve that shows both the reaction with and without an enzyme.

13. Change the pH to 14 and describe what happens to the enzyme.