Name: _____
Date: _____

Enzymes

Directions: Put the correct term from the word bank next to the corresponding definition

Word Bank

Coenzyme Cofactor Effector Substrate Active Site Competitive Inhibition
Allosteric Inhibition Feedback Inhibition Induced Fit Denature Enzyme Intermediate

	A compound that if it binds to an enzyme, will activate it
	A protein that is a biological catalyst. It is used to speed up the rate of a specific chemical reaction inside the cell.
	A transient compound that is produced in a part of a multi-step reaction and is quickly consumed as a reactant in the proceeding step.
	The process where a substrate binds to an allosteric site located on an enzyme to change its conformation to essentially deactivate its function.
	A conformational change in an enzyme that enhances its ability or inhibits its activity.
	A change in temperature, pH, will warp an enzyme away from its natural form and will no longer have any functional activity.
	The region of an enzyme that substrates binds and undergoes a chemical reaction.
	Occurs when molecules similar to the intended substrate bind to all the active sites and prevents the binding of the intended substrate.
	A compound that assists enzymes into turning substrates into products.
	A molecule upon which an enzyme acts.
	When a reaction product is used to stop an enzyme's own production from continuing.
	Describes a molecule that selectively binds to an enzyme to regulate its activity.