



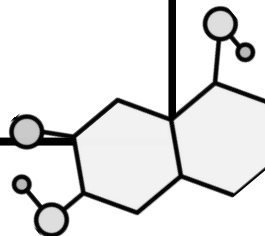
**Definition of
Enzymes:**

**Facts / Characteristics
about enzymes:**

Enzymes Frayer Model

**Name examples of
an enzyme:**

**Name non-examples
of enzymes:**





Definition of Enzymes:

Possible answers:

- A protein that acts as a catalyst in reactions
- where the substrate binds onto the active site
- a molecule that speeds up reactions by lowering activation energy

List Facts / Characteristics about enzymes

Possible Answers:

- enzymes have an active site
- enzymes act as a catalyst
- each enzyme is specific to its substrate
- enzymes have optimal temperature and pH, outside of those ranges they could denature
- enzyme forms products with the help of substrate
- lowers activation energy

Enzymes Frayer Model-Key

Name examples of an enzyme:

Possible Answer:

- lactase
- catalase
- lipase
- amylase

Name non-examples of enzymes:

Possible Answer:

- sugars
- sucrose
- glucose

