Catayst:

Elephant Toothpaste Reaction:

What are enzymes?

Active site:

Substrate:

Product molecule:

**ENZYMES ARE REUSABLE:**

How do enzymes and substrate fit together?

How does temperature affect enzymes?

What is the optimum temperature?

Denature:

How does pH affect enzymes?

How does substrate concentration affect enzymes?

How does enzyme concentration affect enzymes?

Where are some places that enzymes are used?