

# Functional Enzymes - Mini-Research Project

## Technological Applications of Enzyme Activity

### Instructions:

1. Find an example of an enzyme related your assigned topic ①
2. Briefly explain how the enzyme is used in that industry. (ie. how it works & what it does) ③
3. Describe at least one characteristics of the enzyme's ideal environment (ie. pH, temperature...) ②

### Topics

- Bioremediation
- Application of enzymes in the food industry
- Application of enzymes in the pharmaceutical industry
- Digestive disorders (with a focus on digestive enzymes)
- Enzyme use in health care – ie Targeting cancerous cells, HIV/AIDS & hepatitis C
- Radioisotopic labeling for use in studying/examining human body
- Forensics