

## Enzyme Lab

### Pick a question/Design a Lab

**Safety: As always, wear goggles during this lab. Wash your hands at the end of the lab. You may only use the materials on the teacher approved list.**

**Procedure: Approval required before beginning.**

How does salt affect the rate of reaction between H<sub>2</sub>O<sub>2</sub> and catalase from yeast?

How does soap affect the rate of reaction between H<sub>2</sub>O<sub>2</sub> and catalase from yeast?

How does enzyme concentration affect the rate of reaction between H<sub>2</sub>O<sub>2</sub> and catalase from yeast?

How does substrate concentration affect the rate of reaction between H<sub>2</sub>O<sub>2</sub> and catalase from yeast?

How does temperature affect the rate of reaction between H<sub>2</sub>O<sub>2</sub> and catalase from yeast?