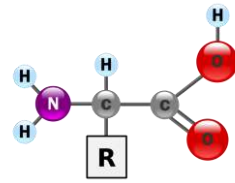


Biology

Learning goal: Know the properties of a polar substance and why water's polar nature makes it a universal solvent.

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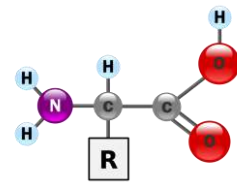


Warm-up: Copy the questions below and answer them while watching the film regarding the catalase enzyme.

Film link: <https://www.youtube.com/watch?v=bBd0Fdk8adA>

1. What is the purpose of catalase?
2. Where is catalase commonly found?
3. What two factors can alter the rate at which catalase functions?
4. In what pH levels does catalase work best?

Biology



Learning goal: Describe the composition of proteins in the human body and identify where proteins are found in the human body..

Learning goal: Describe the composition of proteins in the human body and identify where proteins are found in the human body.

Learning scale:

1	2	3	4
Know what a protein is made of	Explain multiple uses / functions of proteins in the human body	Describe the basic structure of proteins and why a diversity of proteins are important for life	Understand how the arrangement of molecules in a protein determine is structure and function

4 Structure determines function
3 Structure and diversity
2 Uses of proteins in the body
1 Protein composition

Student's self-evaluation: Complete at home or at the end of class, use the 4-3-2-1 Learning scale (two to three sentences).

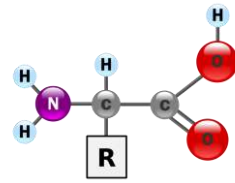
Homework: Work on formal lab report, complete book work and study for Quiz 04

Biology

Learning goal: Describe the composition of proteins in the human body and identify where proteins are found in the human body..

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Complete the liver lab

- Collect all required data
- Clean up
- Complete a formal, typed lab report at home
- The lab report has a maximum length of one page (*print on the front and back of the page*)
- The lab report is due on Monday

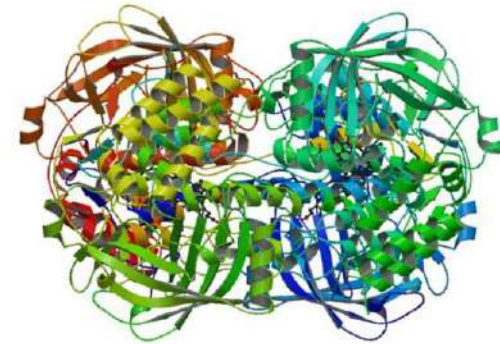
Book work

Page 30: Complete Section 1 Review, questions 1 – 6, in complete sentences

Page 42: Complete Data Lab: *Analyzing the effect of pH on Enzyme Activity*

Complete these assignments on page 40 of your notebook.

Catalase



4

Structure determines function

3

Structure and diversity

2

Uses of proteins in the body

1

Protein composition