

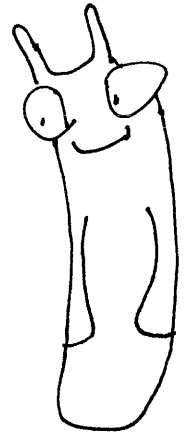
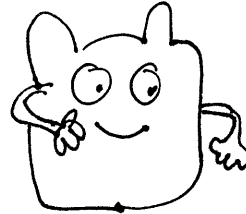
Questions to Accompany Animation: "Enzymes- a fun introduction"

<http://www.youtube.com/watch?v=XTUm-75-PL4&feature=related>

Name: \_\_\_\_\_

Date: \_\_\_\_\_

What are Enzymes?



Enzymes share a few characteristics in common

1. Each Enzyme has an: \_\_\_\_\_

What connects to the enzyme's active site? \_\_\_\_\_

When the body has too much glucose, it combines the glucose molecules to make: \_\_\_\_\_  
which is stored in the \_\_\_\_\_.

2. Enzymes are \_\_\_\_\_

-Each Enzyme can bond to \_\_\_\_\_ type of substrate.

Ex. Lipase breaks down \_\_\_\_\_

-Enzymes must only act on \_\_\_\_\_ type of molecule.

3. Enzymes are \_\_\_\_\_

= only a small amount of enzymes is needed to speed up thousands of reactions.