**Cracker Lab**

Please answer these questions on a sheet of notebook paper for credit

Pre-lab

1. What organic molecule do you think is most prevalent in the crackers?
2. What changes do you expect to notice while chewing on these crackers?
3. Why do you think we are doing this lab today? Relate it to things you learned in unit 2.
4. Write a hypothesis for this lab.

*If 2 crackers are placed in a mouth and chewed, then….*

You are going to be given two saltine crackers. You should put them in your mouth and chew both at the same time without swallowing. You will notice some changes occurring in the texture and taste of the cracker. Continue chewing for several minutes.

1. What do the crackers taste like when you first put them in your mouth?
2. Once you put the cracker in your mouth, what enzyme starts breaking the cracker down?
3. Do you notice a change in flavor after chewing for a few minutes? If so what do you notice?
4. Thinking about the flavors you are experiencing and using the information from Unit 2, why do you think you are noticing the flavor change?
5. Write a conclusion statement based on your observations during this lab

*If 2 crackers are placed in a mouth and chewed then the amylase broke down the starch into sugars making it taste sweet.*