**Unit 2: Biochemistry Review Stations**

Station 1: Biochemical Families

Academic- Do the Macromolecule Worksheet
Honors-Do the Biochemistry Thinking Lab

Station 2: Polymerization

Together, we’ll watch the video at: <https://collegeinfogeek.com/feynman-technique/>

After watching the video and looking at the article and examples, use the Feynman technique to construct a study sheet to demonstrate the relationship between monomers and polymers, using examples for each of the biochemical families.

Station 3: Enzyme Function

Use the talk to the text technique to make meaning of the graphs on the sheet provided. Once you think that you understand each graph, write a claim about the data on each of the graphs as follows:

1. Figure 1-Write a claim about the **optimal** temperature for each of the enzymes. Provide evidence from the graph to support your claim.
2. Figure 2-Write a claim about the **optimum** pH for the two enzymes. Provide evidence from the graph to support your claim.
3. Figure 3-Write a claim about whether or not enzymes are **reusable**. Provide evidence from the diagram to support your claim.
4. Figure 4-Write a claim about the **speed** and **energy** of enzyme-catalyzed reactions **compared** to those without enzymes. Provide evidence from the graph to support your claim.

Station 4: Throwback Station

Identify the scientific names of the candies in the picture
2. Draw a family-tree style diagram that shows how the 6 kingdoms of organisms are related to one another.