

Name: _____

Date: _____

Write a short story describing how glucose is made from sunlight. Be sure to describe each step needed to create glucose. Then, describe how glucose goes from being a sugar to becoming energy. Be sure to include different ways glucose can become energy. Some rules:

- 1) BE AS CREATIVE AS YOU WANT! Give the molecules personalities, flaws, traits, ideas, dreams, dramatic entrances etc...
- 2) It must be scientifically valid, so no making up random science that won't work. I am the final judge of what is and is not real.
- 3) The story can be written in any form, including:
 - a) Poetry
 - b) Essay
 - c) Graphic Novel
 - d) Letter
 - e) Epic poem (like the Odyssey)
- 4) It can be any genre as well, but needs to clearly explain the science behind it. I am the final judge of what is and is not clear. Some examples are:
 - a) Horror
 - b) Action
 - c) Adventure
 - d) Romance
- 5) It might be a good idea to include as many of the following terms:
 - a) ATP
 - b) ADP
 - c) Phosphate
 - d) Pyruvate
 - e) Glucose
 - f) Energy
 - g) Fermentation
 - h) Lactic Acid
 - i) Aerobic
 - j) Anaerobic
 - k) Thylakoids
 - l) Chloroplasts
 - m) Chlorophyll
 - n) Krebs cycle
 - o) Electron Transport Chain
 - p) Light independent reactions (Calvin Cycle)
 - q) Light dependent reactions
- 6) Finally, IT MUST BE APPROPRIATE for school. Once again, I am the final judge of appropriateness.