**LEVELS OF BIOLOGICAL ORGANIZATION**

*Materials:* Ruler, white paper, pencil, colored pencils

*Procedure:*

1. Find the center of the top of your paper. Now, using the ruler, draw a line from the center point down to the bottom right-hand corner of the paper. Do the same from the top to the bottom left-hand corner. You should now have a large triangle with the bottom of the paper being the bottom of the triangle.
2. Use the ruler to measure the height of the triangle. It should measure 28 cm tall. Now, make a mark every 2 cm all the way down the center of the triangle. Do the same down the left side of the paper.
3. Now draw 13 lines through these marks that were just made using the rule. Draw the lines from the left side of the paper through the triangle. **Do not** draw these lines all the way through to the right side of the paper, just through the triangle.

\*\*\*Each section should be of equal size when this is done correctly. If they aren’t, you measured wrong!

1. On the lines to the left of the triangle write the following terms in order starting at the top of the triangle:
2. Subatomic particle (pg 35)
3. atom (35)
4. molecule (21)
5. organelle (174)
6. cell (21)
7. tissue (192)
8. organ (193)
9. organ system (193)
10. organism (64)
11. population (21/64)
12. community (21/64)
13. ecosystem (21/64)
14. biome (64)
15. biosphere (21)
16. In the appropriate space in the triangle, draw and color an example of each term. Neatness does count! (Use the textbook for examples – the page #s are listed above)
17. Title your drawing.
18. Now, define each of the 14 terms on a sheet of notebook paper. **Use your own words. Copying the definitions from the book will result in a zero for the entire assignment!**

Example: