1. Know your vocab words.
2. What are the different points of the theories of evolution of Lamarck and Darwin?
3. Can you explain why Lamarck’s theories were wrong?
4. Compare/contrast evolution and adaptation.
5. Why is adaptation so important for evolution to occur?
6. Where does adaptation occur?
7. How does evolution occur?
8. What is the diversity of life?
9. What is direct evidence? Give different examples.
10. How are fossils made? What conditions are needed to make a fossil?
11. Who studies fossils?
12. What is the geological time scale?
13. Name one of Earth’s supercontinents.
14. What is absolute dating? What is an example?
15. What is relative dating? Give an example.
16. When would you use half – life?
17. Be able to recognize a nucleotide unit and describe it.
18. What are the four nitrogen bases in DNA? Which goes with which?
19. What are the sides of a DNA ladder? What is a strand called when it twists?
20. Draw an example of a twisting DNA strand.
21. I can explain how DNA mutations take place and recognize them
22. Compare/contrast divergent and convergent evolution.
23. What homologous structures? Can you give examples?
24. In your own words, describe genetic drift.
25. Name and describe the three kinds of selection.
26. What is the difference between speciation and adaptive radiation?
27. Why does speciation occur?