

### DNA Obsession

1. 1869, Misher was interested in the chemical make up of \_\_\_\_\_ cells
2. Misher discovered \_\_\_\_\_ a thick gummy material
3. DNA consists of a chain of smaller parts called \_\_\_\_\_.
4. There are two different nucleic chains \_\_\_\_\_ and \_\_\_\_\_.
5. DNA is found in the \_\_\_\_\_, while RNA is found outside in the \_\_\_\_\_.
6. A protein consists of \_\_\_\_\_ amino acids (#)
7. When Griffith injected the potent bacteria in a lab mouse it \_\_\_\_\_
8. When Griffith injected the dead potent bacteria, mixed with the harmless bacteria into a mouse proved \_\_\_\_\_.
9. Avery found that the transmission factor was \_\_\_\_\_
10. Scientists used the non living sciences of \_\_\_\_\_ and \_\_\_\_\_ to the living science of biology
11. \_\_\_\_\_ uses an x-rays to take a picture of DNA
12. The picture of DNA showed that the DNA forms a \_\_\_\_\_ shape
13. The \_\_\_\_\_ had to be within the double helix.
14. C and T are small \_\_\_\_\_ structures called pyrimidines.
15. Chargoff found that the 4 bases where never present in \_\_\_\_\_ amounts.
16. The amount \_\_\_\_\_ is always the same as the amount of A.
17. Watson and Crick's plan was to build a \_\_\_\_\_ of DNA
18. Linus Pauling built a model that was in the shape of an \_\_\_\_\_
19. The best photos of DNA where taken by \_\_\_\_\_
20. Watson and Cricks first model was a \_\_\_\_\_
21. Linus Pauling came out with a \_\_\_\_\_ helix.
22. Franklin was the first to realize that DNA produces two different photos based on their \_\_\_\_\_
23. Watson realized that A could bond with \_\_\_ and C could bond with \_\_\_\_\_.
24. Crick realized that the two back bones most run in \_\_\_\_\_ directions.
25. The discovery of the double helix is a major moment in \_\_\_\_\_.