

## 7th Grade Questions Name \_\_\_\_\_

1. What is matter made of?
2. How can matter be measured?
3. How is matter affected by the motion of particles?
4. How are models used as a tool to help us understand our natural world?
5. How has the model of the atom changes with the increase of technology?
6. How are models used to show particle movement in the different states of matter?
7. How can observations be used to predict density?
8. How are earth materials sorted?
9. How is earth's structure affected by density?
10. How does density affect the model of the earth?
11. How is the structure of cells related to their function?
12. How do individual structures contribute to the function of the whole?
13. How can microscopes be used to observe cell parts?
14. What are differences between plant and animal cells?
15. How does the environment affect a cell?
16. How do tissues and organs meet the needs of an organism?
17. How do the structure of organisms determine their functions?
18. How do individual structures interact with one another to form complex systems?

19. How do organelles work to support the function of cells?
20. What are the levels of organization of life?
21. What are the functions of organs and how do they relate to the system they belong to?
22. What influences the traits of offspring?
23. How has technology influenced genetics?
24. What are the advantages and disadvantages of asexual reproduction?
25. What are the advantages and disadvantages of sexual reproduction?
26. How do traits influence the success of an organism?
27. How can a species' traits be altered?
28. How are traits passed from parent to offspring?
29. How do inherited traits affect an organism's chance of survival?
30. What are the differences between acquired and inherited traits?
31. What allows an organism to be successful in the environments?
32. How are observable properties used in classification?
33. What patterns are used to build a classification system?
34. How do classifying organisms help us understand relationships?
35. What are different ways in which objects or organisms could be classified?
36. What is the purpose of a classification key?