

Honors Physical Science Summer Work

The purpose of this summer work is to review basic science skills before the start of the school year. Please be sure to complete the following before the first day of school.

1. Read Chapter One: Science Skills
2. Complete the worksheet packet over Chapter One
3. Purchase a spiral notebook. All notes for science class will be written in this notebook.
4. In your science notebook, define the science words listed and look up the answers to the basic science knowledge questions that are on page one of the summer work packet.

There will be a test over Chapter One within the first week of school. If you have any questions, feel free to email one of the Honors Physical Science teachers.

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Enjoy your summer!

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Define the following words and answer the basic science questions. This should be your first entry in your science notebook. Use a science dictionary!! You should write these definitions in your notebook. **Bring this with you on your first day to class.**

1. Analyze
2. Apparatus
3. Catalyst
4. Classifying
5. Composition
6. Concentration
7. Conductivity
8. Conversion
9. Correlation
10. Correspond
11. Extrapolate
12. Frequency
13. Generalize
14. Hypothesis
15. Inferring
16. Manipulative Variable
17. Predict
18. Probability
19. Responding Variable
20. Solute
21. Solvent
22. Solution
23. Spectra
24. Summarize
25. Theory
26. Variable
27. Vary

Answer the following questions and use the correct units

1. What is the density of water?
2. What is air pressure at sea level?
3. What is the speed of light?
4. What is the acceleration of gravity near Earth?