Science Journal Entries

January - March
Science Journal Entry #1
An Accurate Description

• Examine five objects.
• Describe each in terms of color, odor, texture, size, shape, and state.
• Why is it important to use a variety of properties when describing objects?
Science Journal Entry #2
Physical Changes of a Sugar Cube

• List 5 physical properties of a sugar cube.
• Describe 3 things you can do to a sugar cube to cause it to undergo a physical change.
Science Journal Entry #3

• Draw 3 examples of balanced forces.
• Then, draw 3 more pictures showing what happens when the forces become unbalanced.
Science Journal Entry #4

Draw electron shell diagrams for the following atoms. Then tell if the two atoms in each set will form ionic bonds with each other. Honors students must also identify the charge on each atom. The periodic table is on pg.338 in your book.

1. Potassium and Iodine
2. Magnesium and Bromine
3. Calcium and Chlorine
4. Lithium and Fluorine
5. Boron and Chlorine
6. Barium and Iodine
Science Journal #5

• Predict whether these compounds are ionic or covalent by considering the elements that compose them.

1. KCl
2. FeCl₂
3. CH₄
4. CrF₂
5. NF₃
6. SeF₆
7. PbO
8. NH₃
9. Co₃N₂
10. TiI₄
11. N₂O₃
12. Mg₃P₂
13. IF₅
14. AtBr₃
15. Al₂S₃