

## Mineral Identification Activity

**Follow the instructions carefully! Leave the mineral cards on your desk while completing this activity. Do NOT carry them around the classroom. Do NOT pick up the minerals. Work as a team of 2 or 3 students.**

1. Remove the cards from the plastic bag, lay them on your desk with the numbers facing up.
2. Flip over ONLY card 1, which tells you the color of your mineral.  
Write the color of your mineral: \_\_\_\_\_
3. If your mineral is blue, there are 5 blue minerals. If your mineral is green, there are 4 green minerals.  
Write the names of **ALL** of the minerals that are the color of your mineral.  
\_\_\_\_\_  
\_\_\_\_\_
4. Flip over ONLY card 2, which tells you the streak of your mineral.  
Write the color of the streak of your mineral: \_\_\_\_\_
5. You may now look at the information cards by the minerals. Cross out the minerals that you wrote down in step 2. that do **not** have that color streak. Return to your desk and follow the rest of the instructions.
6. Flip over ONLY card 3 which tells you the group to which your mineral belongs.  
Write the group that your mineral belongs to: \_\_\_\_\_
7. Flip over ONLY card 4. Write down the information about your mineral:  
\_\_\_\_\_  
\_\_\_\_\_
8. Flip over ONLY card 5, which tells you the names of the elements contained in your mineral.  
Write the names of the elements contained in your mineral:  
\_\_\_\_\_
9. Flip over ONLY card 6, which tells you the chemical formula for your mineral.  
Write the chemical formula for your mineral: \_\_\_\_\_
10. Flip over ONLY card 7, which tells you the crystal system for your mineral.  
Write the crystal system for your mineral: \_\_\_\_\_
11. You now have enough information to identify your mineral.  
What is the name of your mineral? \_\_\_\_\_
12. Check to make sure that your identification in step 11. is correct.
13. Put ALL 7 cards back in the plastic bag.