

# LAB REPORT CHEMICAL & PHYSICAL CHANGES

NAME \_\_\_\_\_

PROBLEM: What are the signs of a chemical change vs. a physical change?

RESEARCH: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

HYPOTHESIS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PROCEDURE: You will be conducting 15 experiments in this lab. The directions for each one are taped to the desks. Read the direction and write down the procedure for each set-up in the table below.

TEST	MATERIALS	PROCEDURE
1		
2		
3		
4		
5		

TEST	MATERIALS	PROCEDURE
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

**DATA AND ANALYSIS-** Conduct each experiment and look for chemical changes. Be careful-there are physical changes hidden among the experiments. Use the data table below to record your findings. Decide whether each test is showing a physical or chemical change, and state your reasons. By stating your reason for your observation, you will have crossed over from apprentice to proficient observation skills. After you have finished the test at each station, clean up your area and get it ready for the next person.



TEST	OBSERVATION	PHYSICAL	CHEMICAL	REASON OR EVIDENCE
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

**CONCLUSION: (Accept or reject your hypothesis based on your observations from each test & answer the problem statement. You must use specific evidence from the tests.)**