

LAB REPORT

CHEMICAL AND PHYSICAL CHANGES

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

Hypothesis:

If a chemical change is occurring, then...

Procedure:

You will be conducting/observing 12+ experiments in this lab. The directions for each are taped to the station areas. Read the directions; each station is different. You will rotate through the stations every 5-6 minutes. I will tell you when you have 1 minute left so you can clean up. Stations with two parts like 3a and 3b should be completed in one slot. Station 10 will take two slots.

Data and Analysis: Conduct each experiment and look for chemical changes. There are some that are physical changes. Decide whether each test is a chemical or physical change and ***state your reasoning***.

| TEST | OBSERVATIONS | P | C | REASON OR EVIDENCE |
|------|--------------|---|---|--------------------|
| 1 | | | | |
| 2 | | | | |
| 3a | | | | |
| 3b | | | | |
| 4 | | | | |

| | | | | |
|-------------------------------|--|--|--|--|
| | | | | |
| 5a | | | | |
| 5b | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9a | | | | |
| 9b | | | | |
| 10 | | | | |
| 11 (time depe- ding) | | | | |

CONCLUSION: Accept or reject your hypothesis based on your observations and evidence. Use complete sentences.