



COLOR BY NUMBER
PHYSICAL/CHEMICAL
Changes

Directions: Answer each question by circling the correct choice. After you have answered all the questions, use the color key to color the picture on the back using the corresponding color choice. You may color any parts of the picture that are not assigned a color.

Name: _____ Date: _____

Scenario	Physical Change	Chemical Change
A new substance is formed...	Red	Red
A new substance is <u>not</u> formed...	Yellow	Yellow
It is reversed...	Yellow-Green	Sky Blue
It is <u>not</u> reversed...	Orange	Orange
Boiling on a cold morning...	Red	Yellow
Cracks...	Green	Sky Blue
Shattering...	Purple	Sky Blue
Melting...	Yellow	Sky Blue
Shallow...	Orange	Sky Blue
Dirty copper metal turns green patina...	Blue	Green
...	Blue	Red
...	Purple	Purple
...	Yellow-Green	Yellow
...	Yellow	Dark Blue
...	Sky Blue	Red
...	Orange	Red
...	Yellow	Yellow-Green
...	Yellow-Green	Red
...	Red	Orange
...	Orange	Sky Blue

COLOR BY NUMBER
phys/Chem Change
JUST PRINT & GO!

COLOR BY NUMBER

Name: _____

PHYSICAL/CHEMICAL

Date: _____ Per: _____

Changes

Directions: Answer each question by circling the correct choice. After you have finished all questions, color the picture on the back using the corresponding color choice. You may choose any color you want for any parts of the picture that are not assigned a color.

Scenario	Physical Change	Chemical Change
1. A new substance is formed...	Red	Blue
2. A new substance is <u>not</u> formed...	Yellow	Sky Blue
3. Easily reversed...	Yellow-Green	Orange
4. Not easily reversed...	Orange	Sky Blue
5. Fog forming on a cold morning...	Red	Yellow
6. Baking cupcakes...	Green	Sky Blue
7. A beaker falling and shattering...	Purple	Sky Blue
8. An old car rusting...	Yellow	Sky Blue
9. Roasting a marshmallow...	Orange	Green
10. The Statue of Liberty's copper metal corroding to form a green patina...	Blue	Red
11. Clouds forming...	Blue	Purple
12. Pencil lead breaking...	Purple	Yellow
13. A puddle of water drying up...	Yellow-Green	Dark Blue
14. Milk souring...	Yellow	Red
15. Water boiling...	Sky Blue	Red
16. Pouring liquid drain cleaner down a clogged sink...	Orange	Yellow-Green
17. Digesting a slice of pizza...	Yellow	Red
18. Dissolving sugar in tea...	Yellow-Green	Orange
19. Soda fizzing...	Red	Sky Blue
20. Combining baking soda and vinegar...	Orange	Blue



SCIENCE,
it's like magic...
but real.