Name Date Class

Chemical and Physical Properties and Changes

**Graphic Organizer**

|  |  |  |
| --- | --- | --- |
|  | **Physical Properties** | **Chemical Properties** |
| Describe… |  |  |
| Change the structure of matter? |  |  |
| Examples include… |  |  |

|  |  |  |
| --- | --- | --- |
|  | **Physical Changes** | **Chemical Changes** |
| Make changes to… |  |  |
| Indicators are… |  |  |
| Examples include… |  |  |

Name **SUGGESTED KEY** Date Class

Chemical and Physical Properties and Changes

**Graphic Organizer**

|  |  |  |
| --- | --- | --- |
|  | **Physical Properties** | **Chemical Properties** |
| Describe… | Characteristics of a substance | How one substance reacts with another substance |
| Change the structure of matter? | NO | YES |
| Examples include… | Shape, Phase of matter, volume, mass, density | Fire, oxidation, toxicity, reactivity to water, reactivity to acid |

|  |  |  |
| --- | --- | --- |
|  | **Physical Changes** | **Chemical Changes** |
| Make changes to… | The appearance of a substance | The structure of a substance |
| Indicators are… | Mixture formed, expected color change, shape/size changes, phase changes | Fire, Light, heat, sound, unexpected color change, |
| Examples include: | Sharpening a pencil, melting ice cream, freezing water | Burning paper, apple browning after being cut, newspaper turning yellow |