**Subject: Chemistry**

**Name: Worksheet: Naming compounds**

**Date: Grade-Section: 6CS**

**Activity 1: Name the compounds produced by the reactions of element 1 and element 2.**

|  |  |  |
| --- | --- | --- |
| **Element 1** | **Element 2** | **Name of compound** |
| Iron | Sulfur  |  |
| Magnesium | Nitrogen  |  |
| Sodium  | Chlorine |  |
| Potassium | Oxygen |  |
| Aluminim  | Chlorine |  |
| Copper  | Oxygen |  |
| Lithium  | Nitrogen  |  |

**Activity 2: Name the compounds produced by the reactions of element 1, element 2 and element 3.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Element 1** | **Element 2** | **Element 3** | **Name of the compound** |
| Nickel | Sulfur | Oxygen |  |
| Magnesium | Nitrogen | Oxygen |  |
| Sodium | Nitrogen | Oxygen |  |
| Copper | Sulfur | Oxygen |  |
| Aluminum | Bromine | Oxygen |  |

**Activity 3: Name the elements that make up these compounds.**

|  |  |  |
| --- | --- | --- |
| **Name of the compound** | **Element 1** | **Element 2** |
| Zinc oxide |  |  |
| Sodium chloride |  |  |
| Iron sulfide |  |  |
| Copper iodide |  |  |
| Silver bromide |  |  |

**Activity 4: Fill in the tables below:**

|  |  |
| --- | --- |
| **Name of the compound** | **Made up of ..................** |
| Magnesium sulfate |  |
| Aluminum nitrate |  |
| sodium carbonate |  |

|  |  |
| --- | --- |
| **Elements** | **React to make ................** |
| Sodium and iodine |  |
| Calcium, carbon and oxygen |  |
| Calcium, phosphorus and oxygen |  |
| Potassium, chlorine and oxygen |  |

|  |  |
| --- | --- |
| **Molecule of compound made up of…** | **Name of compound**  |
| 1 atom of sulfur and 2 atoms of oxygen |  |
| 1 atom of phosphorus and 3 atoms of chlorine  |   |
| 2 atoms of nitrogen and 4 atoms of oxygen |  |
| 1 atom of carbon and 2 atoms of sulfur  |  |