“Dancing Ionic Compounds”

You have ten minutes to create several different matches with your peers. As the music plays you will go around the room find other cations and anions to bond with. Make sure to fill out the first two columns as you do so.

Once the ten minutes are up, you will return to your seat and you will have another ten minutes to construct the formula and name of your ionic compounds. Good luck and don’t forget to make your compounds dance!

| **Cation (+)**  **Na+** | **Anion (-)**  **Cl-** | **Formula**  **NaCl** | **Name**  **Sodium Chloride** |
| --- | --- | --- | --- |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |
| - |  |  |  |

| **Na+** | **F-** |
| --- | --- |
| **Al3+** | **Cl-** |
| **Mg2+** | **O2-** |
| **K+** | **N3-** |
| **Li+** | **C4-** |
| **Be2+** | **S2-** |
| **Ba2+** | **I-** |
| **Cu2+** | **Br-** |
| **Fe3+** | **P3-** |
| **Au3+** | **Se2-** |