

## Ionic Bonding Poster

Component	4	3	2	1	0
Layout	Poster is clearly titled with the correct formula of the ionic compound and compound name based on the two elements assigned to the group	Correct formula of the ionic compound and compound name can be found somewhere on the poster	The formula of the ionic compound and compound name are present based on the two elements assigned to the group. There is an error in one or both.	Poster is missing <b>either</b> the compound name or formula.	Not Present
Definitions	The terms <b>ionic bond, cation, anion, and crystal lattice</b> are defined clearly on the poster	1 of the terms is missing	2 of the terms are missing	3 of the terms are missing	Not Present
Shell Models	An accurate shell model is drawn for both assigned elements. The transfer of electrons between the atom(s) of each element are shown.	Accurate shell models are drawn, but the transfer of electrons is incorrect	Errors in the shell models and/or electron transfer not shown	Attempt	Not Present
Change in atomic radius	The initial drawing of each element is to scale based on its relative position on the periodic table. Poster clearly shows how the size of each atom changes when it becomes an ion	Poster clearly shows how the size of each atom changes when it becomes an ion	Poster incorrectly shows how the size of each atom changes when it becomes an ion	Only 1 atom is shown	Not Present
Crystal Lattice	Poster correctly shows how the ions of each element would be arranged in a solid. The correct ratio between cations and anions is shown.	Poster correctly shows how the ions of each element would be arranged in a solid. The incorrect ratio between cations and anions is shown.	Poster incorrectly shows how the ions of each element would be arranged in a solid.	Attempt	Not Present

Group Member Names: \_\_\_\_\_