

## Ionic Compounds Explanation Assignment

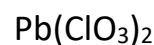
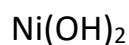


### Teams → FlipGrid Tab → Login → Ionic Compounds Explanation Assignment

- 1) Use FlipGrid to **show & explain** how to write formulas & names of ionic compounds.
- 2) Explain how to write the formula for **one** compound from **each** column.  
**DO NOT say “criss-cross” as an explanation.**

Binary	Multivalent	Polyatomic
Sodium sulfide Beryllium fluoride Calcium bromide	Tin (IV) oxide Mercury (I) sulfide Iron (II) carbide	Copper (II) phosphate Gold (I) carbonate Manganese (IV) sulfate

- 3) Explain how to name **one** of the following compounds.



- 4) Your **total video** cannot be longer than **4 minutes**.

### Rubric:

① = unclear / several errors      ② = complete / mostly correct      ③ = thorough / meticulous

	Clarity of explanation (visually & verbally)	Proper Terminology
<b>Binary</b>	①    ②    ③	① = rarely ② = sometimes ③ = often ④ = almost always ⑤ = always
<b>Multivalent</b>	①    ②    ③	
<b>Polyatomic</b>	①    ②    ③	
<b>Naming</b>	①    ②    ③	

Sample terminology:

*ie. Cation, anion, subscript, charge, formula, metal, non-metal,  
 transition metal, group number, multivalent, polyatomic, binary....*