Dougherty Valley HS Chemistry Bonding and Structure – Bonding with a Classmate

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BOND WITH A CLASSMATE!

- 1) Get an ion and figure out if it is a cation or anion
- **2)** Go around the classroom and find other ions to bond with. Remember, we are making ionic bond so each bond should have ONE cation and ONE anion.
- 3) Write down the symbol and charge for each bonding cation and anion in the appropriate column.
- **4)** With your partner figure out what the compound is that is formed between the two. Remember to pay attention to oxidation numbers so that there is a neutral charge overall.
- 5) With your partner write down the name of the compound you formed.
- 6) You will be told when to rotate and when to switch ion cards

Cation	Anion	Compound	Name	
Ca ⁺²	N ³⁻	Ca ₃ N ₂	Calcium nitride	

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Cation	Anion	Compound	Name