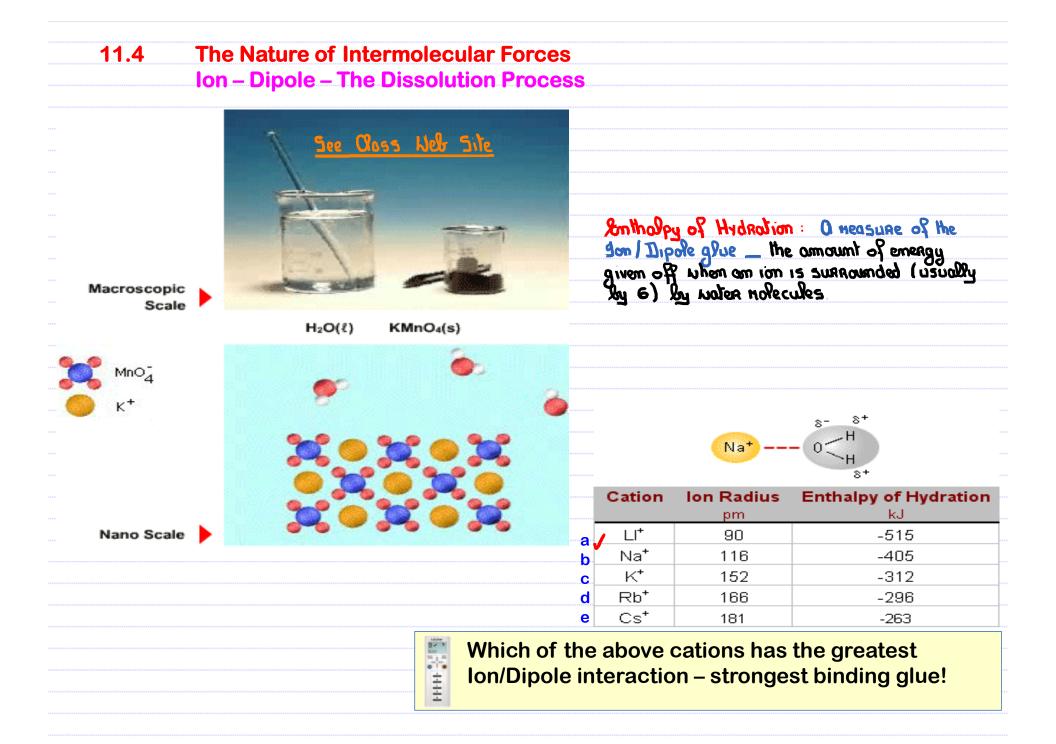
The Nature of Intermolecular Forces 11.4 The Glue that Holds Molecules Together – Coulomb's Law – Ion – Ion Coulomb's Law stationary FA :- JORCE of altraction. ion See Class Neb Site FA & Z.Z. +1Qualitative: mobile a) Magmitude of the charges. B) Distance Between them ion • -1 Force of Attraction = 3.7×10^{-9} N Distance = 2.50 Å Which of the following salts would have the greatest force of attraction assuming the distance is the same? <mark>CaSO</mark>4 [օ¹⁺. հ04^{2.} Nal AIPO₄ ✓ ^{3†}. PO₄³⁺ No". I -----



			Molar Ma	Molar Masses Vs Boiling Point		
				М	B.P.	
				g/mol	°C	
			CO	28	-192	
			PH3	34	-88	
			AsH ₃	78	-62	
			ICI	162	97	
+ H -		+ + S- H +→ CI	The Aigher the Boiling Point the stronge the Internolecular Jorce translate the stronger the glue holding it together,			
H CI	H–CI CI–H	H-CI CI H H-CI H CI-H	CI <u>Note</u> : See anything with Respect to Molar Mass and Boiling Point? See the obvious Thend			