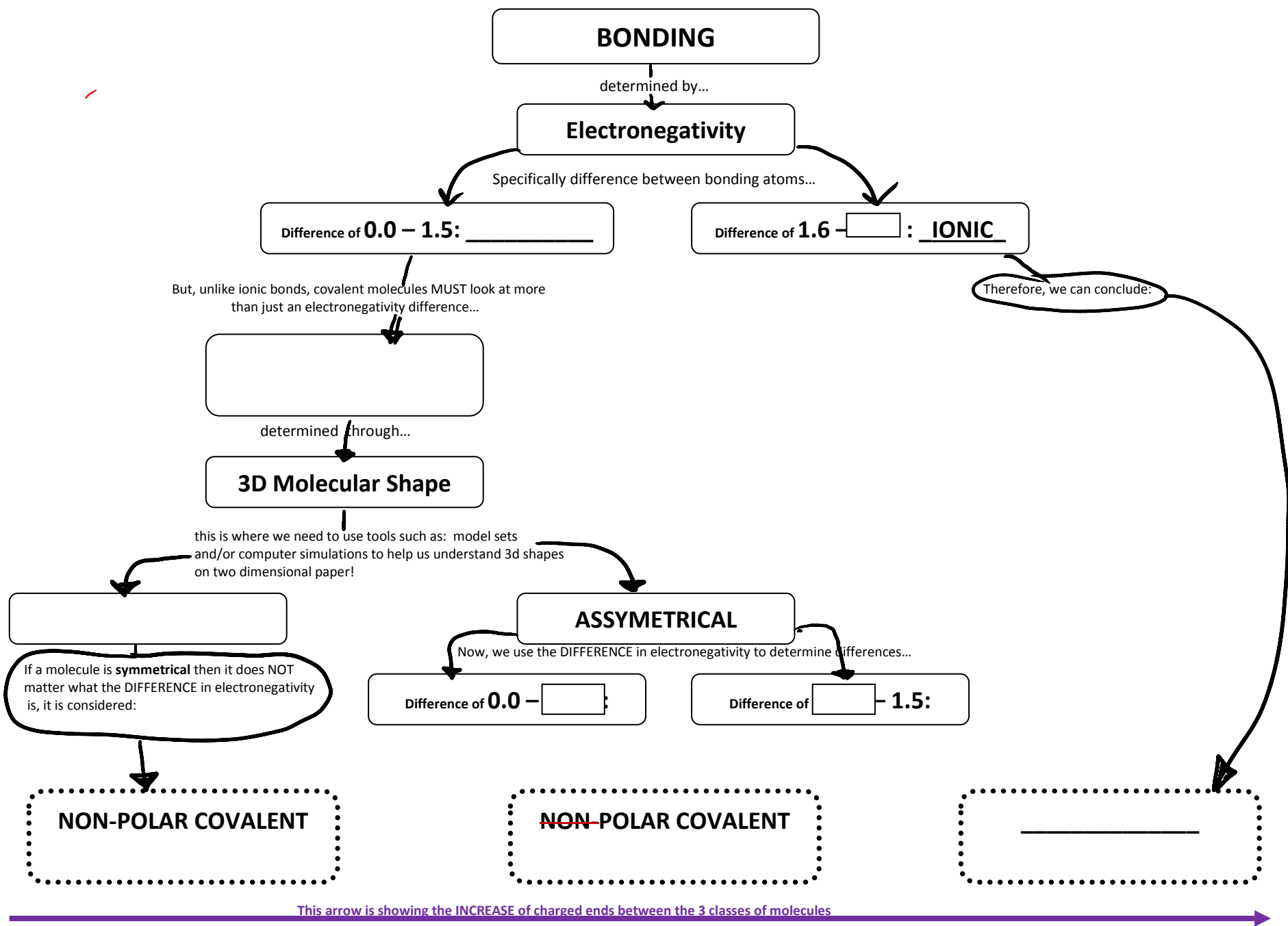
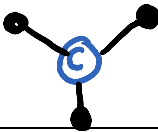



So, how can water acts as ENERGY to a dissociation reaction??? The same way that most concepts in chemistry are explained... using \_\_\_\_\_!



Predicting if a molecule will be **POLAR** or **NON-POLAR** using **3D molecular shapes** (*basically this is how molecules ACTUALLY look like!!!*)

**NOTE:** Most people canNOT 'see' the 3D shape just by writing it on paper. That is why we are providing you with MODEL SETS which can be used today in class or whenever you would like to come for extra help. ALSO, if you go to the '**phet simulation**' website there is an incredible simulation that will take you through all the types of examples!!!

<b>Describe the shape of the molecule</b> ( <i>don't look at the official name yet!!!!</i> )	<b>Official Name Of Structure</b>	<b>Atoms bonded to central atom</b>	<b># of lone pair e<sup>-</sup></b>	<b>Structural shape</b>	<b>Bond angle (between branched atoms)</b>	<b>Examples</b> <i>The more the better for understanding!!!</i>
	<b>Linear</b>	<b>2</b>	<b>0</b>		<b>180°</b>	
		<b>3</b>				
		<b>4</b>	<b>0</b>			
						
			<b>2</b>			<b>Water!</b>
		<b>5</b>	<b>0</b>			
						<b>SF<sub>6</sub></b>