Name:	Key	Period:	Date:	
	1	T CHOOL		

Video Notes: Dalton's Law Applied - Collecting Gas Over Water

BIG IDEAS	<u>DETAILS</u>
Dalton's Law	Earth's atmosphere is a of gases. Like any mixture, the total pressure is equal to the of the partial pressures from the components. Since over 70% of the atmosphere is, it creates most of the pressure.
Collecting Gas over water	To collect gas "over water", a filled with water is held upside down in a tub of water. When the gas you are collecting is added, it to the top. Sketch what it looks like to collect gas over water:
5	But it's not alone! There is also <u>water vapor</u> present. When the water level inside the tube and outside are <u>equal</u> , it means the pressure inside the tube is <u>equal</u> to the pressure
	outside - which is the atmospheric
SUMMARY	