

Bond & Molecular Polarity Lab Rubric -- General Chemistry

Lab Station: _____

Student names: _____

CRITERIA	POINTS			COMMENTS
Completeness: <i>Lab is complete; all portions of the lab have been attempted.</i>		1 POINT Lab is complete	0 POINTS Incomplete; portions have been left blank	
Part 2 Dipole Drawings: <i>- Complete & correct</i>		1 POINT Developing	0 POINTS Incorrect or Missing	
CO₂ Structural Formula: <i>- Structural formula correct</i> <i>- Charges & dipoles correct</i>	2 POINTS Exemplary	1 POINT Developing	0 POINTS Incorrect or Missing	
CO₂ Geometry & Polarity: <i>- Molecular geometry & polarity is correct.</i>		1 POINT Correct	0 POINTS Incorrect or Missing	
SO₂ Structural Formula: <i>- Structural formula correct</i> <i>- Charges & dipoles correct</i>	2 POINTS Exemplary	1 POINT Developing	0 POINTS Incorrect or Missing	
SO₂ Geometry & Polarity: <i>- Molecular geometry & polarity is correct.</i>		1 POINT Correct	0 POINTS Incorrect or Missing	
Question #1 <i>- Correct answer</i> <i>- Cites correct molecule</i>		1 POINT Correct	0 POINTS Incorrect or Missing	
Question #2 <i>- Correct explanation for difference in polarity between CO₂ and SO₂</i>	2 POINTS Exemplary	1 POINT Developing	0 POINTS Incorrect or Missing	

***This grade will be recorded as a group grade.

TOTAL POINTS: _____/10 Make sure **all** group members see this document.