

## Rubric: Deduce the Type of Bonding in a Sample of a Solid Lab

CATEGORY	5	3	1	0
<b>Pre-Lab Questions</b>	Pre-Lab Questions completed correctly and on-time.	Pre-Lab Questions completed correctly, but late or completed incorrectly, but on time.	Half of the questions were completed correctly and on time.	Fewer than half of the questions were completed correctly and on time.
<b>Title</b>	The title is descriptive and relevant	The title is relevant, but not particularly descriptive	The title is not relevant or descriptive	No title included
<b>Introduction/ Purpose</b>	The purpose of the lab is clearly identified and stated.	The purpose of the lab is identified, but is stated in a somewhat unclear manner.	The purpose of the lab is partially identified, and is stated in a somewhat unclear manner.	The purpose of the lab is erroneous or irrelevant.
<b>Lab Partners</b>	All lab partners are included with full names	Most lab partners are included	Some lab partners are included	No lab partners are included
<b>Materials</b>	All materials and setup used in the experiment are clearly and accurately described/ illustrated.	Almost all materials and the setup used in the experiment are clearly and accurately described/ illustrated.	Most of the materials and the setup used in the experiment are accurately described/ illustrated.	Many materials are described inaccurately OR are not described/ illustrated at all.
<b>Procedures</b>	Procedures are listed in clear steps. Each step is numbered and is a complete sentence.	Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences.	Procedures are listed but are not in a logical order or are difficult to follow.	Procedures do not accurately list the steps of the experiment.
<b>Data</b>	Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.	Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled.	Accurate representation of the data in written form, but no graphs or tables are presented.	Data are not shown OR are inaccurate.
<b>Calculations</b>	All calculations are shown and the results are correct and labeled appropriately.	Some calculations are shown and the results are correct and labeled appropriately.	Some calculations are shown and the results are labeled appropriately.	No calculations are shown OR results are inaccurate or mislabeled.
<b>Post Lab Questions</b>	Post-Lab Questions completed correctly and on-time.	Post-Lab Questions completed correctly, but late or completed incorrectly, but on time.	Half of the questions were completed correctly and on time.	Fewer than half of the questions were completed correctly and on time.
<b>Conclusion</b> - purpose/ procedure - results/data - Sources of error	Conclusion includes all 3 of the 3 required aspects and is clear and easy to follow.	Conclusion only 2 of the 3 required aspects. Or is difficult to understand.	Conclusion includes only 1 of the 3 required aspects.	No conclusion was included in the report OR shows little effort and reflection.