

Points	Diagram/Blueprint	Working as a Scientist	Vocabulary/PB&J
5	Diagram shows thought and planning. Labels are present and explain important features. Students are able to discuss their blueprint and explain reasoning.	Students share responsibility in every stage of design, building, and testing. Growth is shown through explanation of their design. They are able to formulate conclusions based on the evidence they have collected. Changes to the design are based on evidence collected.	Students formulate their own definitions of words. Connections between X-planes shown in engage activity and evidence collected is made. Students use appropriate vocabulary to formulate conclusion.
3	Blueprint is mostly complete with a few missing labels that don't hinder understanding. Students are able to explain their diagram, but reasoning is weak.	Students work together to complete the task. Some growth is shown through explanation of their design. Weak conclusions are made about evidence is collected, and few changes are made based on evidence.	Students use working definitions to describe designs. Some connection is made between X-plane engage activity and evidence. Students use some appropriate vocabulary during conclusion.
1	Diagram is partially complete. Key labels are missing and only partial understanding can be seen. Reasoning is negligible or weak.	Students work together to complete the task. Minimal growth is shown through explanation of their design. No evidence is collected and no clear conclusion is made.	Students use working definitions to describe designs, may use words incorrectly at times. Weak connections are made between X-planes engage activity and evidence, if any. Minimal vocabulary is used during their conclusion, may be misused.
0	Diagram is incomplete or missing. No clear reasoning behind design.	Students are unable to work together. Understanding was not gained due to arguments and/or team issues. No conclusion is formed at all.	Students have no definitions of words to describe designs. No connections are made between X-planes engage activity and evidence found. No vocabulary used during conclusion.