| Skill | ExpertWow, Awesome!Exceptional UnderstandingExceeds the standardDecorative image | PractitionerGot it!Strong understandingMeets the standardDecorative image | ApprenticeAlmost.Student has some understandingDecorative image | NoviceGetting started.No or little understandingDecorative image |
| --- | --- | --- | --- | --- |
| Questioning | I asked a question that can be investigated and know what data needs to be collected.I predicted an outcome to a question and I used what I learned in science to explain my prediction. | I asked a question that can be investigated and know what data needs to be collected.I predicted an outcome related to the question. | I asked a question that can be investigated but need help in determining what data needs to be collected.I predicted an outcome but it was not related to the question. | I did not have a question that could be answered through an investigation.I could not predict an outcome to the question. |
| Investigating | I worked with my team to determine the steps in the experiment and then was able to follow the steps to complete the investigation. | I used science tools and followed all the steps in the experiment. | I followed most of the steps in the experiment.I tried to use my science tools | I mixed up my steps.I did not use my science tools. |
| Recording and Interpreting Data | My data is complete, I recorded the data correctly in tables and graphs. I also identified patterns in the data or recognized data that did not follow a pattern. | My data is complete and I recorded it in the correct tables and graphs. | My data is started but is not in right place on the tables or graphs. | I have no data |
| Explaining | I recorded and shared my ideas, related them to what we have learned in class, and can suggest how these ideas can fit in to other science content. | I recorded and shared my ideas using science terms and relate it to what we have learned in class. | I started to record and share my ideas but I am not sure how it fits in to what we are learning. | I did not record or share my ideas. |
| Communicating | I accurately explained my results, used evidence from the investigation to support my results, and used science concepts to support the results. | I was able to explain my results and used evidence from the investigation to support my results. | I explained my results but did not use evidence in my explanation | I did not accurately explain the results of the experiment. |