| Skill | ExpertWow, Awesome!Exceeds the standardDecorative image | PractitionerGot it!Meets the standardDecorative image | ApprenticeAlmost.Has some understandingDecorative image | NoviceGetting started.No or little understandingDecorative image |
| --- | --- | --- | --- | --- |
| Questioning | I asked a question related to the topic that can be investigated and I know what data needs to be collected.I predicted an outcome to a question and I based my prediction on my observations or prior experiences. | I asked a question related to the topic that can be investigated.I predicted an outcome related to the question. | I asked a question related to the topic but it cannot be investigated.I predicted an outcome but it was not related to the question. | I was unable to ask a question related to the topic.I could not predict an outcome. |
| Investigating | I worked with my team to determine the steps in the experiment and used my science tools when following the steps in the experiment. | I used my 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, and I was able to interpret my data when asked. | 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 am able to use science words when I communicate my observations and data using simple graphs, drawings, numbers, speech, and/or writing. | I am able to communicate my observations and data using simple graphs, drawings, numbers, speech, and/or writing. | I am able to communicate my observations or data using only one or two types of communication (simple graphs, drawings, numbers, speech, and/or writing).  | I have a difficult time communicating my observations or data to others.  |