**San Marin STEM Project Rubric**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Collaboration** | **Communication** | **Critical Thinking** | **Creativity** | **Work Ethic** | **Content** |
| **Expectations** | Students cooperate with others in their group to complete the project.  Students divide work fairly, working independently when needed and in groups when needed.  Students routinely share ideas by talking, emailing, etc.  Students actively try to contribute to creating the best work possible.  Students give and share credit appropriately.  Students share responsibility for leadership allowing everyone to take a leading role.  Students accept that they and their classmates will make mistakes and actively work through them.  Students assist other groups as needed. | Communication  -Is clear and well-worded.  -Expresses ideas accurately.  -Addresses the appropriate audience.  Orally, students  - Look professional and appropriate for the occasion.  - Speak clearly and engage their audience with body language.  -Show personality.  When writing, students  -Use correct grammar and punctuation.  -Write clearly, concisely, and with organization  Visually, students use multimedia appropriately.  Students clearly separate facts and opinions, backing up their opinions with facts. | Students solve problems necessary to achieve their desired end result.  Students modify their thinking and actions based on evidence they gather.  Students comprehend and analyze material that they read.  Students use math and logic to solve problems by quantifying measureable properties.  Students reflect on their work and learning on their websites and in discussion.  Students ask questions and filter their results based on reliability | Students apply their knowledge in new ways to solve problems.  Students demonstrate independent thinking.  Students use things in unique ways and achieve their project goals using unique methods.  Students work outside of their comfort zone.  Students explore and investigate their “aha” moments. | Students work hard.  Students complete all assignments to the best of their ability.  Students continue to tweak and edit, continuously refining their work.  Students are willing to take risks and try new things, even when they are difficult.  Students to their own work, avoiding plagiarism.  Students go back to interesting points and explore interesting and unexpected results. | Content in the project is correct and accurate.  All necessary content areas are addressed.  Student understanding of all content areas is clear in their work. |
| **Score** |  |  |  |  |  |  |

Total: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_