**Mars Rover App Rubric**

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|  | 1 | 2 | 3 | 4 |
| Science Content | No science content present or shows merely science fiction | Some science content present (picture or object) | More than just an image. The project shows some planet characteristic or probe purpose | The application’s sole purpose is to show information or characteristics of planet |
| Elements as described on Mars Project handout | No elements present | 1 – 3 elements are present and partially functioning | 4 elements are present and most are functioning | 5 or more elements are present and all are functioning |
| Process | Did not follow any process; reused old procedures | Trial and error process | Followed design process but eventually resorted to last minute fix | Followed design process including brainstorming multiple ideas and used prototype |
| Function | App does not work | App still has bugs which affect its function | App has bugs but they do not affect function | App has been thoroughly debugged |
| Creativity | Copied old apps; (from previous experiences or from other sources) some elements are identical | Copied an old app; no elements are identical | Tweaked old apps with new purpose | Totally new and novel concept or use of technology |