Explore Learning® | Gizmos

Points ___/100	Excellent	Admirable	Satisfactory	Needs Improvement	Not Evident
Content & Process	☐ Project links to one or more SDG & at least one (1) Gizmo (detailed). ☐ Solution to a problem or innovation is clearly articulated and explained. ☐ Students demonstrate subject area expertise. ☐ Clear and sequential process followed, the scientific method.	☐ Project links to one SDG and at least one Gizmo (explained). ☐ Solution to a problem or innovation is provided and explained. ☐ Students demonstrate an understanding of subject area. ☐ Sequential process is followed; the scientific method.	☐ Project links to an SDG & a Gizmo (stated but not explained). ☐ Solution to a problem or innovation is stated but not explained. ☐ Students demonstrate some understanding of subject area. ☐ Some sequential process followed; elements of the scientific method.	☐ Project may link to an SDG or a Gizmo but not both. ☐ Solution to a problem or innovation is not clear. ☐ Students' subject area understanding is not clear. ☐ The scientific method is not followed but there is some order.	☐ There is no link to Gizmos or SDGs. ☐ There is no link to a solution of a problem or innovation. ☐ Students do not understand the content. ☐ The project is disorganized.
Critical Thinking, Data Analysis & Evaluation	☐ Gizmos are used to conduct research or as analytical tools to effectively support conclusions. ☐ Students consider multiple sources to determine project outcomes. ☐ Students provide excellent recommendations and solutions. ☐ All evidence supports the conclusion or innovation.	☐ Gizmos are used to conduct research or as analytical tools to effectively support conclusions. ☐ Students consider a few sources to determine project outcomes. ☐ Students provide reasonable recommendations and solutions. ☐ Some evidence supports the conclusion or innovation.	☐ Gizmos is used to conduct research; but it is not clear if Gizmos analytical tools are used. ☐ Students consider limited sources for project outcomes. ☐ Students provide recommendation and solutions, but they may not be grounded in research. ☐ Limited evidence supports the conclusion or innovation.	☐ Gizmos is mentioned but it is not clear how it is used. ☐ Students' sources for project outcomes are inconsistent or not valid. ☐ Students provide limited solutions that are not grounded in research. ☐ No evidence supports the conclusion or innovation.	☐ Gizmos is not used. ☐ Students' sources are not clear. ☐ Students do not provide solutions. ☐ No evidence supports the conclusion or innovation.
Creativity & Innovation	☐ Project demonstrates a high level of creativity in idea, content, delivery. ☐ Students demonstrate a genuine curiosity in STEM & finding solutions to global issues. ☐ SDG solution is innovative & student designed. ☐ Project presentation is unique & showcases student originality.	☐ Project demonstrates creativity in idea, content, delivery. ☐ Students demonstrate curiosity in STEM & finding solutions to global issues. ☐ SDG solution is innovative but may not be student designed. ☐ Project presentation showcases student originality.	☐ Project demonstrates some creativity in idea and content. ☐ Students demonstrate some curiosity in STEM concepts. ☐ SDG solution lacks innovative and originality. ☐ Project presentation is a traditional presentation form and basic.	☐ Project is not a creative or innovative solution. ☐ Students do not seem interested in STEM concepts or global issues. ☐ The SDG solution is not original. ☐ Project presentation is disjointed and poorly done.	☐ Project does not demonstrate creativity or innovation. ☐ Students are clearly not interested in the content. ☐ There is no connection to SDGs. ☐ The project is very poorly presented, or no presentation is provided.
Communication, Presentation Skills, Teamwork & Collaboration	☐ Presentation is clearly articulated and organized. ☐ Presenters are rehearsed, confident & subject experts. ☐ All team members took an active role in the presentation.	☐ Presentation is clearly articulated, some issues with the organization. ☐ Presenters are rehearsed but have gaps in subject knowledge. ☐ All team members take a role in the presentation but there are clearly one or two leaders.	☐ Presentation is clearly articulated, but not well organized. ☐ Presenters are reading slides/cues; show gaps in subject knowledge. ☐ Some team members take a role in the presentation but there is one leader that dominates. Some team members	☐ Presentation is not clear and lacks organization. ☐ Presenters are reading cues; are not knowledgeable. ☐ There is only one presenter.	☐ The presenters cannot be understood. ☐ Presenters do not understand the content; not organized. ☐ There is no collaboration on the SDG solution