

Root of the Problem Rubric

	Exceptional (12-13 points)	Proficient (11 points)	Developing (10 points)	Beginning (0-9 points)
Scientific Research Essay for Poster	The student conducted research with credible sources and constructed a thoughtfully written and extensively revised essay. Their essay was precise, clear, and used transitions and made connections that showed a deep understanding of the scientific concepts (carbon cycle, photosynthesis, global warming, compost) and how they connected to each other and to our world.	The student conducted research with credible sources and constructed an essay they revised repeatedly. Their essay was clear and accurately described all of the scientific concepts (carbon cycle, photosynthesis, global warming, compost) and how they connected to each other.	The student conducted research with credible sources and constructed an essay that might have needed a little more revision or could have used more precise language. Their essay described all of the scientific concepts (carbon cycle, photosynthesis, global warming, compost) but may have needed more detail about how they connected to each other.	Some components of the project might be missing, the student may not have demonstrated an understanding of the scientific concepts, or the student may have needed to be led through every step of the process with heavy assistance.
Poster Design	The student immersed themselves in understanding both the aesthetic (visual) and technical requirements of creating a poster. They learned about Adobe Illustrator and went the extra mile.	The student showed attention to the aesthetic (visual) and technical requirements of creating a poster. They learned about Adobe Illustrator and thoughtfully designed their work.	The student tried to attend to the aesthetic (visual) and technical requirements of creating a poster. They may have struggled with using resources to figure out Adobe Illustrator or getting their design finished thoughtfully.	The student might have struggled significantly with designing their poster such as losing files more than once, leaving out portions of their project, etc., leading to them being unable to thoughtfully design their work.
Presentation at Festival del Sol	The student was on time, dressed professionally, knowledgeable about their topic, and clearly went the extra mile to exhibit their work with pride, sophistication, and a deep understanding and appreciation of their learning.	The student was on time, dressed professionally, knowledgeable about their topic, and exhibited their work with professionalism and care.	The student may not have been on time, dressed professionally, or may have struggled to completely convey their knowledge of their topic, but they clearly tried to exhibit their work with care.	The student may have been late, dressed unprofessionally, and/or may have not demonstrated attention to exhibiting their work.
Overall Project Work	The student was driven and responsible for his or her own learning in class. They worked with their partner in an EXQUISITE way, communicating clearly and supporting one another. The teacher was used to facilitate and not as a dictionary or idea machine. The student worked diligently to meet expectations, manage their time and resources, and make our project work a success.	The student was responsible for his or her own learning in class. They worked well with their partner. The teacher was used to facilitate the work. The student worked to meet all expectations. The student collaborated and managed time and materials appropriately.	The student tried to be responsible for his or her own learning in class, but may have used the teacher heavily for assistance in lieu of using readily available resources (e.g. "How do you spell...?"). The student might have had trouble meeting expectations for timing and organization. The student may have struggled to support their partner and may have fallen short of great collaboration.	The student was not a self-starter and relied almost entirely on the teacher for prompting at each step. The student may not have met deadlines, may have lost portions of the project, or may have been unable to complete the project independently. The student may not have supported their partner appropriately.

