

Project Title: Staying Alive

Area of Science: Staying Alive

School: Taos High school

Team: Noe Garcia, Diego Fristoe, Eban Bellas, Cyrus O'hern

Our team's problem is finding the concentration of sickle cell anemia that will reduce the symptoms of Malaria without causing serious symptoms. If the perfect ratio between sickle cell anemia and ammonia it is possible to mitigate or even negate the effects of both sickle cell anemia and ammonia. In order to model this project our team plans to make the model in Netlogo. This will allow us to gather data and to efficiently and accurately measure the ratio. Our project is important because malaria is a large problem in many different parts of the world and we are taking our first steps in solving this problem and helping others.

Sponsoring teacher(s): David Gillroy, Tracy Galligan