GOALS

1. Explore principles of the Life Sciences and Physical Sciences, utilizing well-founded tools, and methodology grounded in scientific inquiry.

2. Develop basic laboratory skills to enhance and facilitate conceptual modeling and critical thinking.

3. Promote discovery-based learning in a scientific setting that promotes student empowerment and self esteem.

4. Utilizing scientific literature and discourse, develop a discerning appreciation for data that reflect fidelity to the scientific method.

5. Employ mathematical theory and method in the collection of data to quantify, visualize, describe and summarize results.