Content Standards

1. Student will determine and explain why stars are different colors and the true meaning of the colors they emit
2. Students will formulate the diameters of stars by analyzing data and manipulating equations
3. Students will classify the various constellations in our galaxy
4. Students will be able to provide evidence on why rockets are important in astrophysics
5. Students will be able to describe how forces affect the world around them
6. Students will be able to engineer successful rockets
7. Students will be able to interpret and analyze data
8. Students will be able to create measuring tool that measures altitude
9. Students will be able to measure data using proper science tools
10. Students will be able to create a formal lab report using supporting data

Process Standards

1. Students will be able to identify claims from various non-fictional text
2. Students will be able to identify evidence that is intended to support a claim
3. Students will be able to use evidence to support arguments in various debates