The following unit was designed to demonstrate how to incorporate authentic assessments in science at the junior high level. This unit is specifically designed to be taught at the 8th grade level. Throughout this unit there is a variety of authentic assessments that will encourage students to demonstrate their proficiency. Students will also be engaged in various tasks that will be assessed using rubrics that align with both content and process standards. To be specific, this rocket unit begins by having students research the history of rockets and why they are important to astrophysics. This task will identify several process skills that will help students with developing annotations that will benefit their research work. Students will then choose a side: should Obama fund NASA again, yes or no? This task will develop students into great debaters. This is a life school students will need in order to persuade others. Then the rest of the tasks will entail students to understand a basic knowledge about stars and constellations in the Milky Way galaxy as well as engineering a successful rocket that will launch over 175 meters. By using authentic assessments, students are able to apply their knowledge to life skills they will need to possess in this global society.