

## Space Explorers Club

The Space Explorers Club here at Anna Marie Jacobson Elementary School is a school-based program that introduces and reinforces a variety of space and earth science-related subjects. It developed here from NASA's Young Astronaut Club. Volunteers engage our students using a combination of "hands-on" activities and verbal discussions with primary emphasis on the "hands-on" activities.

Students will learn information about the sun, the eight major planets in our solar system, and their moons. They will also learn about issues on the earth such as use of our natural resources and volcanoes. They will learn about the visible light spectrum. They will demonstrate Sir Isaac Newton's 3<sup>rd</sup> law of motion, i.e., "*for every action, there is an equal and opposite reaction*," through a variety of fun, "hands-on" activities. The curriculum varies by grade level and becomes progressively more challenging to the students as they advance grades.

The highlight for many students is their own assembly and launch of a model rocket. Rockets are typically assembled during the month of February and launched in March. Grade 6 students perform a simulated mission at the AZ Challenger Space Center in Peoria during the 3<sup>rd</sup> or 4<sup>th</sup> quarter.

Activities for students occur during one lunch period of each month except during February. Other exceptions may occur due to school holidays, intersessions, etc.

Several employees from Orbital Sciences Corporation graciously offer their time and resources as Teachers; however, **many more volunteers are needed** for various positions such as **Teachers**, Co-Teachers, Grade Coordinators, Assistants (a.k.a. Aides), and Supply Coordinators. Your support of this program is welcomed and appreciated by students, parents and the school staff.

NOTE: Chandler Unified School District REQUIRES a background check for ALL volunteers. This means that new volunteers will need to be identified very early in the school year in order to begin sessions in September. More information is available from the school staff.