

Our Class Pet
Mrs. Painton's 5th Grade
Starline Elementary School
Lake Havasu Unified School District #1

Title of Project: Our class pet, the Leopard Gecko

Materials Needed: *Leopard Gecko
 *Aquarium/terrarium
 *Rulers
 *Grade Level Articles ~ differentiated articles about Gecko's
 *Brochures/Articles/Websites (appropriate)

Lesson: The students will be involved in a year-long cross curricular project in order to have the understanding of having a class pet, and basic knowledge for the needs of our Gecko. We will be applying our math, reading, science, and social studies skill to learn all about the Leopard Gecko.

Students will learn about the environment, health, and social needs of our classroom Gecko. The students will use a graphic organizer and be required to write a 5 paragraph essay regarding the environment, food and nutritional information, and basic information about Geckos (species, male/female, etc.) by the end of the year.

Students will also learn about the traits of the Gecko from their research. Students will need to use math skills to learn the maximum length of an adult gecko and volume of tanks based on measurements and conversions. Students will determine the appropriate sized tank and then will utilize previously researched information to determine what to place inside terrarium. Math concepts for volume will need to be used for the items placed inside (sand, cave, and plants), and surface area equations for background of tank. Students will use their researched information to know what types of materials and traits the Leopard Geckos have in order to create a terrarium that feels like their natural habitat.

Modifications/Differentiation: Throughout the year, I will supply many levels of books, magazines, and pictures so that all the students can learn about our gecko.

Diversity Studies: All the students in my class of different cultures can compare and contrast our Gecko to other reptiles found from their country of origin and share with other classmates their knowledge of other animals that may not be found in Arizona.