



## What We Are Learning in Fourth Grade:

**Math:** Our focus for this 4<sup>th</sup> six weeks:

- Measurement by estimating and using measurement tools to determine length, capacity, and weight using standard units, customary and metric. Student will also learn to explain the difference between weight and mass. They will learn how to use standard cubic units to measure and estimate volume. In addition, students will learn to solve problems involving elapsed time.
- During the latter part of the six weeks students will identify and describe right, acute, and obtuse angles. They will also learn to identify and describe parallel, intersecting, and perpendicular lines from concrete objects and pictorial models. Students will use the essential attribute to define two and three dimensional geometric shapes.
- We will wrap up the six weeks with translations, reflections, and rotations to verify that two shapes are congruent.
- We will end the six weeks with the use of reflection to verify that a shape is symmetric.

**Science:**

- Student will investigate that most producers need sunlight, water and carbon dioxide to make their own food, while consumers are dependent on the other organisms for food.
- They will learn to describe the flow of energy through food webs, beginning with the sun, and predict how changes in the ecosystem affect the food web such as a fire in a forest.

## Learning Continued:

**Language Arts:** Our focus for this 4<sup>th</sup> six weeks:

- Students will summarize the main idea and supporting details in a text.
- create compositions established through a central topic for expository writing. They will support this central topic with simple facts, details, and explanations.
- Grammar conventions will include recognizing commas in compound sentences; colons, and semi-colons.
- Reflective pronouns: itself, herself, themselves; are some examples.
- They will spell base words and roots with affixes. (e.g., -ment, -ly, dis-, pre-)
- They will study commonly used homophones. (e.g. there, they're, their; two, too, to)

**Social Studies:** Our focus for this 4<sup>th</sup> six weeks:

- Students will learn to explain various patriotic symbols and landmarks of Texas, the economic activities of early immigrants, identify Texas' in the Mexican War of Independence, and the wars that impact Texas development.
- They will learn the impact of empresarios, including Stephen F. Austin and Martin de Leon.
- They will identify the purposes and explain the importance of the Texas Declaration of Independence, the Texas Constitution and other documents.
- Students will study the causes of the Texas Revolution, and the Battle of the Alamo, the Runaway Scrape, and the Battle of San Jacinto.



For your  
Calendar

Jan. 19<sup>th</sup>  
Report Cards

Feb. 17  
Austin Trip

Feb. 20  
Six Flags Reading Due

Feb. 24  
End of 4<sup>th</sup> Six Weeks

## **Six Flags Six Hour Reading Club**

To participate, you need to read for fun for a total of six hours. You can read books, magazines, newspapers, or comic books, Reading for homework or a class assignment doesn't apply. Please return the form no later than **February 20, 2012**.

### **Spelling Bee winners:**

**First Place Winner is Hailey Hamilton**

**Runner-up is Emma Taylor**

**Congratulations ladies!**

### **Robotics:**

**Congratulations to the Robotics team's first competition. Way to go!**

### **Austin Trip:**

**Watch for forms and information to come home with your child. These forms will need to be returned in a timely manner. Thank you so much for helping to making this trip possible.**

### **Study Island:**

**This is a wonderful tool for students to use at home to study and review math and language arts. Please encourage your child to use this internet program. All students should have their log-in information memorized. If you should need assistance please contact your child's teacher.**

monicaabrams  
@misdmail.org

mistymems@  
misdmail.org

lynndodson@  
misdmail.org

kaygarrison@  
misdmail.org

jimwilson@  
misdmail.org

conniesorem@  
misdmail.org