Name: _____

Blizzard Bag Fifth Grade

	Grade 5 Blizzard Bag Day 2
Reading	Read the article, "Aztecs, Incas and Mayans: The Land of the Four Quarters. Identify and write the main idea of the passage. List two details to support your thinking.
Social Studies and Writing	Describe how the people and goods traveled the long roads of the Inca Empire. Use details from the selection to support your thinking.

Aztecs, Incas & Mayans
The Land of the Four Quarters

At one time the vast Inca **Empire**[1] spread all the way from Ecuador to Argentina and Chile. The Incas called their empire "The Land of the Four Quarters." Their government divided the Incan land into four main sections, or regions. These smaller regions had a system of rulers to govern every town and farm. At the top of the entire government was the ruler who was known as The Inca, and all the rulers from the smaller regions reported to him. Although the exact population is unknown, millions of people lived in the Inca Empire. There was a time when the Inca Empire was the largest nation on Earth.

In 1438, the Inca Empire did not yet exist. There was a man named Pachacuti who was the leader of a much smaller empire. Pachacuti's name in Quechua, the language of the Incas, means "he who transforms the Earth." Pachacuti's goal was to build an empire. First, he led Incas to conquer and claim struggling towns nearby. These people were made part of the Inca Empire. Then roads were built and trade routes were established between Cuzco and the other towns. The empire kept growing.

Roads in the Inca Empire were **crucial**[2] to its success. The empire had 14,000 miles of roads! However, the Incas did not yet know about wheeled vehicles. All of their travel was on foot, and sometimes people guided a pack animal, such as a llama. Two main highways stretched the length of the empire. Many smaller roads stretched between the two main highways like the rungs of a ladder. In many spots, the roads were paved with smooth stone. In other places, the roads had to cut through the rocky Andes Mountains. Each road was well planned and well cared for by the Incas. There were rest stops along the way as well, about a day's travel apart. Here, trained runners who carried

messages back and forth to different leaders could stop and sleep. There were even temples for praying to the sun god, who was the main deity of the Incas.

High up in the Andes Mountains, the Incas built **suspension bridges**[3] out of braids of vine and rope. These bridges were very strong. One bridge built over a deep river valley above the river Apurimac lasted for 500 years! Famous examples of suspension bridges today are the San Francisco Bay Bridge and the Brooklyn Bridge. But the Incan bridges were the first suspension bridges in the world!

What happened to the Incas? When Europeans came to the New World in search of wealth, they brought a disease with them called smallpox that would kill thousands of people. Incas had no immunity to this illness so it spread quickly. Two out of every three Incas died from smallpox. When the Incan ruler died of smallpox, the kingdom was left fighting a civil war over who would be the next ruler.   Then came Francisco Pizarro, the conquistador who wanted to conquer the Incas. His guns and horses enabled him to **conquer**[4] the rest of one of the greatest civilizations in his search for riches.

Day2 - Math

Jenny's Banana Pudding Recipe
• 2 cups sour cream
• 5 cups whipped cream
• 3 cups vanilla pudding mix
• 4 cups milk
• 8 bananas

1. Jenny is making her banana pudding recipe. She can ¼ only find her quarter (¼) cup measuring cup. How many quarter cups does she need to measure the sour cream? Write an equation or draw a picture to represent your thinking.

2. Jenny does not remember the order in which she added the ingredients. She does remember that the last ingredient she added needed 12 quarter cups. What was the last ingredient she put into the pudding? Write an equation or draw a picture to represent your thinking.

3. Will filled 10 juice glasses each with 2/3 cup of juice. What was the total amount of juice he used? Explain your thinking.

4. Kim has 27 pieces of candy. 2/3 of the candies are peppermints. How many peppermints does she have?

Go to Khan Academy and practice multiplication of fractions and whole number word problems.
http://www.khanacademy.org/math/cc-fifth-grade-math/cc-5th-fractions-topic/cc-5th-mult-frac-word-probs/e/multiplying-fractions-and-whole-numbers-word-problems

Optional:
Log on to Fastt Math and work for 15 minutes. Use the Fastt Math link on the HCSD eSchool page:
http://www.hilliardschools.org/elem/eschool.cfm?ID=Math&Pages=2

Day 2 – Science

Learning Target: *Construct knowledge and understanding in all science content areas through inquiry.*

Web link and Directions: Choose an astronomer and do a mini-research project including at least 5 interesting facts.

http://www.childrensmuseum.org/cosmicquest/astronomers.html
http://www.enchantedlearning.com/subjects/astronomy/glossary/Astronomers.shtml

What to bring back to school: your astronomer research. This can be written or digital.