

Blizzard Bag Day 2
 4th Grade
 Middleton Elementary School

	Subject	Assignments	Parent Initial
1.	Writing	1. Write a story using at least 5-7 spelling words. Please practice writing the rest of the words at least once. 2. Writing Prompt: Describe how it would be to live inside a gingerbread house- should be at least 4-5 sentences	
2.	Reading	1. Complete Reading and comprehension questions: Miss Mitchell's Comet	
3.	Science	1. Melting Snow Experiment (see page for details)	
4.	Math	1. IXL- practice Multiplication problems D1- 10-15 minutes a. IXL Number sense- any for 10 minutes 2. Using a grocery flyer from Hannaford in Alton (https://www.hannaford.com/catalog/weekly_flyer.cmd) to plan a meal (with at least 5-7 items) that will add up the total of less than \$40. See page for details.	
5.	Other:	The SPECIAL you would normally have today, please click on the link below and complete that assignment as well. If it is Tuesday, you are required to do both specials.	

Reminders:

Blizzard Bag Day 2

Writing:

1. Write a story using at least 5 of your spelling words from this week. Please practice writing the rest of your words as well on the bottom of the sheet.

2. Describe how it would be to live inside a gingerbread house. Explain your thoughts about this. (Think about how it would look, smell, who would live there with you, what would you do to keep it safe, etc.) Please write at least 4-5 sentences.

Blizzard Bag Day 2

Reading:

Vocabulary: Highlight or underline the following words as you read them in the story.

- served, disagreed, trace, refused, realized, quote, demanded, truly

Miss Mitchell's Comet

By: Sue Peterson

Maria Mitchell was born in 1818 in Massachusetts. She was raised as a Quaker. The Quaker religion values education equally for boys and girls. So although many other young girls could not attend school at this time, the Quaker families sent their daughters to school. In fact, Maria's father was her first principal. When Maria was 11, her father built his own school and she was a student in this school. Maria also served as a teaching assistant. A teaching assistant is someone who is a teacher's helper. Because Maria showed an early interest in the stars, Mr. Mitchell taught Maria about the telescope and astronomy. Astronomy is the study of the universe beyond the earth which includes stars, planets, comets, and galaxies.

Maria later opened her own school and then was offered a job as a librarian. During this time she continued to study astronomy. In 1847, Maria discovered a comet by using her own telescope. The King of Denmark had offered gold medal prizes to anyone who discovered a comet with a telescope. She won one of these prizes for her comet discovery and this made her name very well-known throughout the world. She became the first professional female astronomer in the United States. Maria was the first woman elected to the American Academy of Arts and Sciences and also to the American Association for the Advancement of Science. Later in her career, she worked for the U.S. Nautical Almanac Office to trace how the planet Venus yearly

orbited. Maria became professor of astronomy at Vassar College in 1865 and was named Director of the observatory there. Maria soon realized that she was paid much less as a woman professor. She demanded that the college pay her just as much as the men professors. Guess what? After asking for more money, she eventually received the same pay as the men professors.

Maria believed in equality and disagreed with slavery so she refused to wear any clothing made from cotton since the slaves worked in the cotton fields in the South. She helped start the American Association for the Advancement of Women and served as its president for three years. She was also one of the first women to be elected to the American Philosophical Society. Maria died in 1889 at the age of 70. The Maria Mitchell Observatory in Nantucket, Massachusetts, is named in her honor. She was given many honors after her death. She is listed in the National Women's Hall of Fame, and both a World War II liberty ship, and the crater "Mitchell" on the Moon are named after her. Maria Mitchell is well-known for her quote, "We have a hunger of the mind. We ask for all of the knowledge around us and the more we get, the more we desire." She truly loved learning and she truly was a great astronomer. The crater "Mitchell" A WWII liberty ship named in Miss Mitchell's honor

Extended Response (Answer in complete sentences.)

1. What is the main idea of this text? Why was the text written (author's purpose-inform, entertain, persuade)?

2. What are some important "firsts" that Maria Mitchell is credited with?

Multiple-Choice Questions (put an X in front of the correct answer)

1. The advantage of being a Quaker in 1818 helped Maria Mitchell _____.

- a. learn to sew
- b. babysit children
- c. work in a factory
- d. attend school

2. Maria's father was instrumental in helping Maria develop an interest in science. He taught her how to use a telescope and all about _____.

- a. social studies
- b. math
- c. English
- d. Astronomy

3. Maria discovered a _____ and was awarded a gold medal prize from the King of Denmark.

- a. meteor
- b. star
- c. cloud
- d. comet

Definitions (Write the meaning of each word as it is used in the text.)

1. Trace

2. Realized

3. Truly

Blizzard Bag Day2

Science

You will be completing a science experiment about how quickly snow melts. Please follow the procedure below.

Materials:

1. 2 medium size bowls
2. Winter clothing
3. Timer
4. Small towel

Directions:

1. Get on winter clothing so you will be warm and safe outside.
2. Go outside to gather snow (or precipitation, sleet, hail, etc.)
3. Press snow into a snowball and place inside bowl 1.
4. Lightly fill up the bowl 2 (don't pack it down) so you have about the same amount in each bowl.
5. Place the bowls on the kitchen table or counter on a small towel to prevent making a wet mess.
6. Draw or write down a prediction about which bowl will melt faster/slower.
7. Set a timer and check back every few minutes to notice the progress of each bowl
8. Draw conclusions about the results you find.
9. Explain why you think your prediction was true or false.

Prediction before any melting:

Conclusion (What really happened? Was your prediction right? Why or Why Not?)

Blizzard Bag Day 2

Math:

Using a grocery flyer from Hannaford in Alton (https://www.hannaford.com/catalog/weekly_flyer.cmd) to plan a meal (with at least 5-7 items) that will add up the total of less than \$40. You will need to ADD up your total, and find out how much change you will have left.

Items to buy and their price:

(EX: 2 lbs 85% ground hamburger, \$5.40)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Total Cost of Items: _____

How much money will you have left over if you pay with \$40? _____

Tell me about the meal you are buying:
