



**Cabot Public Schools**

**2019-2020**

**Alternative Methods of Instruction**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## **4th Grade AMI Work #8**

*Your child will have 5 days to complete and return this to his/her teacher to get credit for the day.  
If you need more time, please let the teacher know.*

### **THEME: Extreme Settings**

#### **Going Up a Mountain**

Mount Everest is the tallest mountain in the world. It is located in the country of Nepal. It is 8,848 meters tall. This means it is just over five-and-a-half miles in height. Until 1953, nobody had successfully climbed Mount Everest, though many had tried. Mount Everest has steep slopes. Many climbers have slipped and fallen to their deaths. The mountain is very windy. Parts of it are covered with snow. Many mountaineers would get caught in snowstorms and be unable to climb.



The mountain is rocky. Sometimes, during snowstorms, rocks would tumble down the slopes of the mountain. Any climbers trying to go up the mountain might be risking their lives. There is also very little oxygen atop Mount Everest. This is because the oxygen in the air reduces as we go higher. This means that it is difficult for climbers to breathe. The climbers usually take oxygen in cylinders to breathe. If they do take oxygen tanks, they have to carry extra weight on their backs. This slows them down.

In 1953, a New Zealand-based climber, Edmund Hillary, and a Nepalese climber, Tenzing Norgay, climbed Mount Everest for the first time. They both took photographs on the peak. They then buried some sweets on the peak, as a gesture to celebrate their climb. But they could not stay for long, because it was windy and snowy. They soon came down. Later, many people asked Edmund Hillary and Tenzing Norgay which of them had reached the peak first. They both said it was a team effort; it didn't matter because they had gone together. After Edmund Hillary and Tenzing Norgay, many other climbers went up the mountain. In 1975, Junko Tabei became the first woman to climb Mount Everest. In 1980, Reinhold Messner became the first man to climb the mountain alone. Until then, climbers had always gone up the mountain in teams. The team members would help fix ropes, set up camps, and make food. But Reinhold Messner went alone to the top. Reinhold Messner was a great climber. Back in 1978, he had climbed Everest without carrying any extra oxygen. He'd said that it was "man against the mountain."

In recent years, many have climbed Mount Everest. As of 2010, 3,142 people had climbed the mountain. Many climbers fly to the city of Kathmandu in Nepal. In Kathmandu, many see the Royal Palace. They can buy Everest-themed T-shirts, books, and CDs. Once climbers are settled in Kathmandu, they meet Sherpas. The Sherpas are locals who have grown up in the mountains near Mount Everest. Many Sherpas are experts at climbing, and they act as guides for climbers. The Sherpas also carry equipment, such as bags, ropes, and tents. As of 2013, the equipment for climbing Mount Everest cost almost \$8,000. The climbers may also buy oxygen cylinders, which can cost about \$3,000. Once the climbers have all their luggage, they go to a location called Base Camp. From Base Camp, they climb up Mount Everest.

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1. What word does the author use to describe the slopes of Mount Everest?
2. The slopes of Mount Everest are dangerous for climbers. Support this statement with evidence from the article.
3. What dangers do people climbing Mount Everest face besides slopes that rise sharply into the air? Support your answer with information from the article.

**Use the article from AMI Work #7 “Going Up a Mountain” and “Standing on the Roof of Africa” to answer the following questions:**

4. Compare the dangers facing people who climb Mount Kilimanjaro to dangers facing people who climb Mount Everest.
5. Which mountain is more difficult to climb, Mount Kilimanjaro or Mount Everest? Support your answer with information from both articles.

**MATH:** Solve the following problems.

1. Alicia makes bracelets. She has 376 beads. Her sister has 3 times more beads than Alicia. Her cousin has 104 more beads than Alicia. If they put all their beads together, how many beads would they have? Tell the steps you took to solve it.
2. Kyla is buying favors for an after-school science club. At the bookstore, she bought 8 books about plants and 3 books about butterflies. She bought 7 science magazines. The books each cost \$18, and each magazine cost \$6. How much did she spend? Explain how you solved it.
3. There are 36 students in the orchestra. There are twice as many students in the band. There are 42 girls and 37 boys in the chorus. If you can be in only one group, how many total students are in band, orchestra, and chorus? Tell how you solved it.

**Activity:** Today is music. Ask your family members to play or sing some of their favorite songs. While the music is playing, tap a pencil (or something like a drum stick) to the beat of the music.