

Bizzards

Essential Questions: What is a blizzard?
What is wind chill?
Why are they considered dangerous?

Click on the **Blizzard #1** link and answer the questions below.

1. According to this website, what is a blizzard? _____
2. Blizzards need three things. Which of the following does a blizzard NOT need?
 - a. cold air at the surface
 - b. sun
 - c. lots of moisture
 - d. lift
3. Frostbite is _____

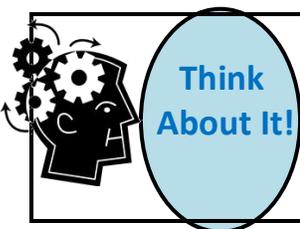
**There are several questions on this website.
Choose one, read it, and explain it in your own words.**

Write your question here:

Explain your answer here:

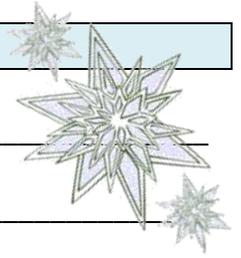
Click on the **Blizzard #2** link and answer the questions below about wind chill.

7. If the wind speed is 40 mph, and the temperature is 5 degrees, what is the wind chill? _____
8. If the wind speed is 10 mph, and the temperature is 20 degrees, what is the wind chill? _____
9. If the wind chill is 8 degrees and the temperature is 25 degrees, how fast is the wind speed? _____
10. How fast will frostbite set in if the wind speed is 45 mph and the temperature is 5 degrees? _____
11. How fast will frostbite set in if the wind speed is 35 mph and the temperature is -30 degrees? _____



How can you protect yourself from frostbite?

Write an acrostic poem using the words below:

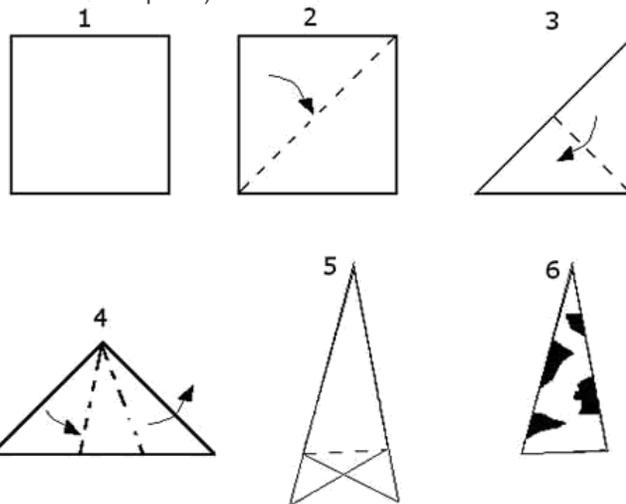


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Follow the directions to make a snowflake.

What You Need:

- Paper (make sure it is square).
- Scissors



What You Do:

1. Get a square piece of paper or trim a piece of paper so that it is square.
2. Fold your square in half diagonally (have a look at the picture).
3. Fold your triangle in half - again diagonally (look at the picture above).
4. Fold paper in thirds ... one side to the front, the other to the back.
5. Trim the extra piece of paper off the end of your small triangle.
6. Around the outside of your triangle, cut some fun designs -- circles, squares, triangles, squiggles ... anything goes.
7. Unfold your paper and look at your masterpiece.