

Kid's KOrner

How Hot is Lightning?

When Benjamin Franklin walked into a field with a kite, a string and an iron key, he was lucky he lived to tell about what happened.

He was trying to find out everything he could about lightning, and he did. But he realized he could have been killed by the electricity in lightning. In fact, a person who later tried to repeat Franklin's experiment died during that recreation.

Here's a quiz of little-known facts about lightning.

- Why type of lightning is most common?
 - Lightning that occurs inside a cloud
 - Cloud-to-cloud lightning
 - Cloud-to-ground lightning
- How long is a bolt of lightning?
 - a few yards (meters)
 - 8 miles (13 km)
 - 100 miles (160 km)
 - Any of the above
- How hot is a bolt of lightning?
 - As hot as boiling water
 - As hot as the surface of the

- sun
 - More than twice as hot as the surface of the sun.
- Why do you always see lightning before you hear thunder?
 - A lightning bolt makes the air around it very hot, very fast. When the hot air hits the cooler air surrounding, it a booming sound is heard.
 - Clouds that are charged with electricity bump together.
- Does lightning happen when there isn't a thunderstorm?
 - Does lightning ever strike the same place more than once?
 - If you're outdoors in a thunderstorm, you should NOT
 - Seek shelter under a single tree
 - Stand in a field or on top of a hill
 - Keep swimming or boating
 - Do any of the above
 - If you're indoors in a thunderstorm, you should NOT
 - Stand in the door or near a

- window
 - Take a bath
 - Talk on the telephone
 - Do any of the above
- ANSWERS**
- a., 2. d. Lightning flashes within a cloud may be only a few yards long. Lightning between a cloud and the earth may be as much as 8 miles long. Some lightning strokes between one cloud and another may be 100 miles long. 3. c. 4. Light travels much faster than sound. It takes five seconds for sound to travel a

single mile (1.6 km), but light travels great distances almost instantly. To find the number of miles away from you the lightning is, count the seconds between the flash and the crash — and then divide by five. (Divide the seconds by three to get the number of kilometers.)

5. a. 6. Yes. Thunderclouds cause most lightning, but lightning also happens in snowstorms, sandstorms, tornadoes, over volcanic eruptions, and during nuclear explosions. 7. Yes. For example,

lighting strikes the Empire State Building in New York more than a hundred times every year. 8. d. Whatever reaches highest into the air offers lightning a quick and easy path to the ground. So stay away from anything tall, and lie flat on the ground if you are the tallest thing around. Lightning can also travel through water, so make sure you're not in it during a storm. 9. d. The safest place to be is inside a closed car away from trees. Steel-framed buildings with lightning rods are also very safe.

4-H'ers Attend Forum

LEESPORT — Two Berks County 4-H members attended Citizenship...Washington Focus, an annual citizenship event at the National 4-H Center in Washington, D.C. The two members attending were Kevin Shollenberger from the Tilden 4-H Club and Debbie Price from the Eastern Berks 4-H Dairy Club.

The event focused on dealing with several aspects of citizenship, beginning with the individual and including community involvement. 4-H projects and activities and exploration of national and international issues, there resolutions and solutions.

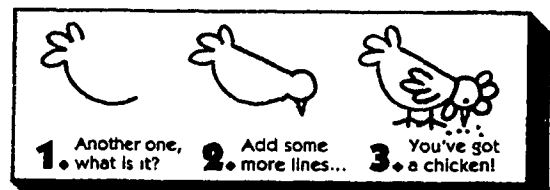
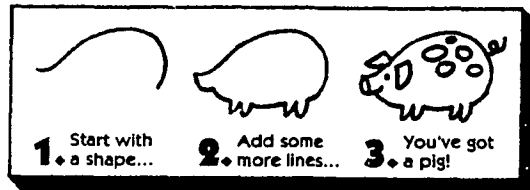
Delegates also had a opportunity to tour Washington, D.C. and attend sessions to develop a better understanding of the principles, structures and processes of our federal government.

Kevin and Debbie earned the trip on their outstanding achievement accomplished on their local 4-H club and county 4-H program.

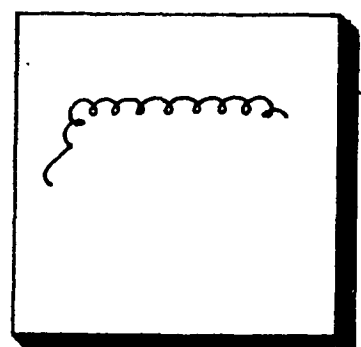
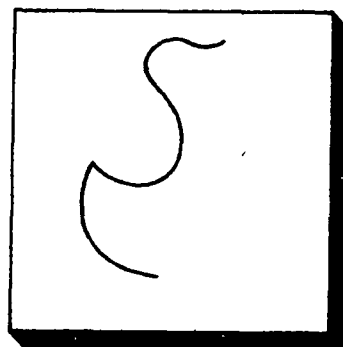
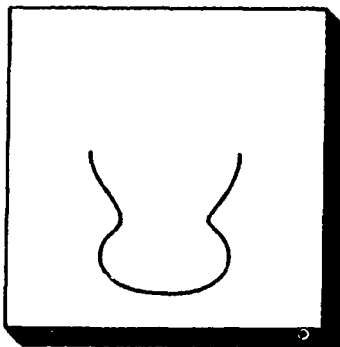
Kevin stated "It was the best 4-H event I've attended!" I hope more 4-H members can have this opportunity in the future.

Debbie said "I made a lot of new friends and learned a lot about our nation's heritage. It was great!"

Draw Your Favorite Farm Animals



HERE ARE SOME FOR YOU TO TRY. WHAT FARM ANIMALS CAN YOU DRAW?



With just a few strokes of your pen you can turn a simple line into a farm animal. You know what your favorite animals look like! Look over the examples and then try your hand as an artist. Make the lines below come alive as you turn them into animals.

COLOR THIS!

- | | |
|-----------|---------------|
| 1. BLACK | 6. ORANGE |
| 2. RED | 7. GREEN |
| 3. YELLOW | 8. LT. BROWN |
| 4. BLUE | 9. LT. BLUE |
| 5. BROWN | 10. LT. GREEN |

GIRAFFES ARE THE TALLEST OF ALL ANIMALS. A FULL GROWN MALE MAY BE 18 FT. OR MORE. AFRICA IS THE ONLY PLACE WHERE THEY LIVE WILD. THE GREAT HEIGHT OF THE GIRAFFE IS DUE TO ITS LONG NECK, AND LONG SLENDER LEGS. A BABY GIRAFFE IS ABOUT 6 FT. TALL AT BIRTH, BUT DOES NOT REACH MATURITY UNTIL IT IS 6 TO 8 YEARS OLD.

