

Kids Korner

Caught By The Camera At Pennsylvania Farm Show



Two-year-old Hunter Wright, son of Maria and Todd Wright from Lewistown, came to the Farm Show to see the tractors.



This fellow has the best seat in the house for seeing what's happening at the Farm Show.



Tyler Van Noy, 6, is one lucky boy. His grandparents, Dale and Ida Butcher, take him from fair to fair to try out all the tractors. They came to the Pennsylvania Farm Show, his grandmother said, because they are former farmers and good friends of Gov. Ridge, who opened the annual event.



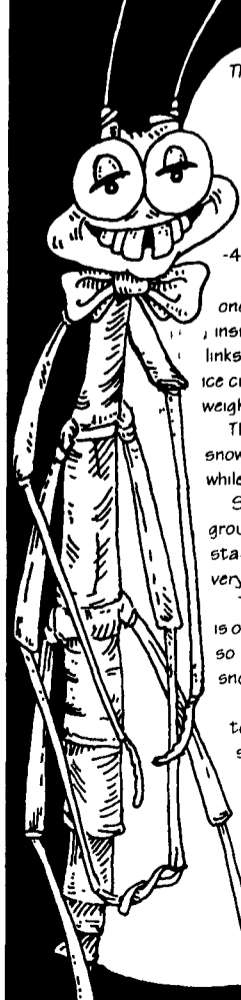
Chip Patterson with sons Alexander, 3, and Benjamin, 5 months, counts on Grandpa Dick Bennett for a helping hand at the Berg and Bennett Manure and Feed Handling Equipment booth.



Kids are often surprised to learn that all cows give white milk no matter what their color. Here, Pennsylvania Dairy Princess Nichole Meabon assists kids trying out the Wheel of Fortune at the booth sponsored by Pennsylvania Dairy Princess and Promotion Services.

Smart Stuff

WITH TWIG WALKINGSTICK



The Buckner family from Lawrence, Kan., wants to know **Why is some snow dry and powdery, and other snow wet?**

Perfect snowman building snow depends on the temperature

Snow is a special form of frozen water. Ice crystals form when the temperature inside clouds drops to between -4 degrees Fahrenheit and 40 F

Remember, water is made from two hydrogen atoms and one oxygen atom. When the temperature and conditions inside the cloud are right, a hydrogen atom from one molecule links to an oxygen atom from another. This forms a six-sided ice crystal with an empty space in the middle. That's why ice weighs less than water, and why all snowflakes have six sides. The crystals join together as they fall. Huge, fluffy snowflakes are actually a lot of tangled up pieces of crystal while tiny snow pieces are untangled ice crystals.

So, why is snow wet or dry? When the temperature on the ground is really cold, the air is very dry. The water in the snow starts to evaporate, so the snow doesn't stick together very well.

The best snowball-making snow falls when the temperature is on the verge of thawing. There's a lot of moisture in the air, so the snow becomes wetter — and a lot of water in the snow makes the flakes sticky.

But you don't want it too warm, though. If the temperature near the ground is above freezing, falling snow melts and turns into rain!

Scientifically yours,

Twig

