

pulling the sled than getting down on our hands and knees and rubbing.

Lela Wilson is delighted with her work at the Domestic Science department. She is a very bright little house maid and hopes to be successful after leaving the school.

Lillie Braden received some very pretty Valetine post cards from her friends. Lillie seems to be very proud of them. She looks at them every chance she gets.

I received a letter from Montana a few days ago stating they were having severe weather. The snow was from three to four feet deep. Mr. Bruce was lost in a blizzard and found dead. He had a family and lived at St. Mary's

DON'T BURN LEAVES.

Fools burn leaves, leaving for themselves a pinch of poor ash, but sending back into the air what was taken from it by the process of growth. These thousands of tons are not made out of the earth, but out of the air, and are intended to be turned over into soil. If you plant a tree in a tub of dirt and leave it there until it weighs a hundred pounds you will find by weighing the dirt that the tree was not made up of what was in the tub, but almost altogether of what it could get from the air—carbon and nitrogen for the most part, with hydrogen composing a good share of the liquid part of the sap.

The elements of the soil that are not in the air are deep down under the surface of the soil or incorporated in the rocks. The most important are potash and phosphorus.

You get some potash from ashes, weed waste, soapsuds, and there are a few soils that in their natural state are entirely

deficient in this element. The timber soils of our corn belt contains about 2,000 pounds of phosphorus per acre. Raising crops that use up these elements steadily lessens the possibility of growing any crops at all. We have got to find them in the soil; if we use them up we have got to replace them.

Agriculture should be renamed aericulture, because we are really taking from the air the larger part of our animal crops. What we must know is how to do this most readily. Our fathers knew that they must use manure, and they knew that they must rotate crops. They knew also that living plants fed on decaying plants, this having first served as food for animals.—Outing.

FINE SHOOTING.

Mr. W. A. Hillis, of Portland, who is a representative of the Remington Arms Co. and The Union Metallic Cartridge Co., visited Chemawa on Wednesday afternoon. While here he gave the school a free exhibition of fine shooting with revolvers and rifles which was greatly appreciated by all.

The work of Mr. Hillis was of a high order and excited the wonder and admiration of all spectators. It was simply marvelous to see him shoot tiny balls and marbles into fragments when thrown up into the air. The gentleman is quite famous for his work and rightly so, too. We were glad to witness the demonstration, and cannot resist the suggestion that he can take care of himself in any place.

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