

If a tree is girdled it usually dies because the descending sap cannot reach the roots which soon perish of starvation from lack of the food sent them by the leaves.

A tree does not die of old age. It accumulates infirmities with the years and has many diseases. It may starve or die of thirst; caterpillars may eat its foliage, scale bugs suck its juices, beetles tunnel under the bark, scab, rust, moulds, rot, blight may prey upon it. The wind is also an enemy. Peeling the bark of the birch does not kill it. The lumbering season is over when the sap begins to stream upward, as wood cut "in the sap" is liable to decay. A sugar maple in three weeks yields of its life blood to the extent of 25 gallons (70 drops falling every minute), which boils down to a little less than five pounds of sugar. The trees are not injured if properly treated, not exhausted by being bored too much or at the wrong time.

CHOOSING A CAREER

AN ACT OF GREATEST IMPORTANCE



ON the evening of January 12, 1913, Prof. Chas. A. Rice, assistant superintendent of the schools of the city of Portland, addressed the student body and employees of the school assembled in chapel. His subject was "Choosing a Career," and it was of so high an order that we take pleasure in giving it publication, as follows:

Choosing a career is one of the most important acts of one's life. Hundreds of boys and girls, young men and young women, are every day deciding what vocation they will choose. If a mistake is made of course a change can be made later, but it is better to start right and avoid putting a square peg in a round hole. A boy who fails in one calling may be very successful in another. This is illustrated in the case of a young man who was given a trial as a salesman in a linen drapery establishment, but because of his bluntness he could not sell goods and proved good for nothing, so received from his employer the usual note that he would not do and must go. The young man remonstrated and insisted that he must be good for something, so he was placed in the counting house where his aptitude for figures soon showed itself. In a few years he became not only head cashier of the company, but well known throughout the country.

The day of the universal scholar, the "jack-of-all-trades," is past.