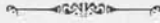


ADVANCED MOTORS

During the second term motors consists of actual trouble shooting and repairing as well as completely overhauling tractors and automobiles. Usually three of four tractors are overhauled and twelve or fifteen automobiles. In this course each student gets a chance during the term to do many of the overhauling jobs to be done on a tractor or auto.



Carpentry and Blacksmithing

THE three building materials most commonly used for new and repair work are wood, iron, and cement. The courses in carpentry and blacksmithing are planned so as to give young men a working understanding of these materials in their relation to farm needs.

In blacksmithing the object is to instruct the pupil in the use of the hammer and forge so that he can weld and shape iron in various forms. He is thus able to meet successfully most of the repair work that comes up on the farm.

In carpentry and drawing classes the object is two fold. First, students are familiarized with the use and care of the ordinary wood-working tools; secondly, the application of tools to building construction. Students are taught to plan and construct the ordinary farm buildings.



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STUDENT MAKING HIS FIRST CHAIN