

# AGRICULTURE FOR GRADES

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Subject—Living Things, Plants and Animals. Illustrative Material from School Farm, Garden and Orchard.

Vegetable Garden—Beans, beets, cabbage, carrots, corn, cucumbers, mangels, melons, onions, peas, potatoes, pumpkins, rutabagas, squash, tomatoes and turnips.

Orchard and Other Fruits—Apple, prune, pear, plum, cherry, grape, blackberry, loganberry and strawberry.

Domestic Animals—Horses, cows, chickens, pigs, dogs and cats.

Wild Animals—Chinese pheasant, quail, grouse and squirrel.

Plant Enemies—Sow thistle, yellow dock, wild mustard, long-leaved plantain, dog fennel, and any other plant growing where it is not wanted.

Animal Enemies—Moles, gophers, mice, rats, ground squirrels, American crows, English sparrows and chicken-hawks.

Insect Enemies—Plant lice, flea beetles, cabbage worms, codlingmoths, canker worms, tent caterpillars, house flies and maggot flies.

Fungi, or Small Plants That Feed on Other Plants—Mildew on the rose and grape; pearleaf and potato leaf blights; Scabs on pears, apples and potatoes.

Our Friends—Those That Help Us Destroy Our Enemies—Ichneumon fly, garden spider, ladybugs, dragon flies, and birds (with a few exceptions).

I wish to launch a new plan in agricultural instruction in Indian schools. To do this it will be necessary to establish a "Board of Agriculture" in the school. This board will consist of the following employees: Principal, Teacher of Agriculture, Farmer, Gardener, Dairyman and Industrial Teacher. To carry out the plan it is very essential that the members of this board be thoroughly acquainted with the teacher of agriculture and the teacher of agriculture must be thoroughly acquainted with each member of the board. Why this is so is because the subject matters taught in the classroom of the school are to be the real things connected with agriculture at the school. The board must meet at the end of each week and formulate plans of work for the coming week. What is being done, why it is being done, and how it is being done will be taught as it is being done. "Strive to know why, for this teaches how and when." Each member will present an outline of his plan of work for the coming week. Ways and means for carrying out these plans will be discussed. The method of procedure adopted by the department will be taught in the