

AGRICULTURE FOR GRADES

OUTLINED BY ALBERT H. GILLETT *Teacher of Agriculture*

(Continued from last issue.)



THE following outline of agricultural matter will be followed in connection with work as it is being done at the Salem Indian Training School. Samples of practical lessons given from outline will appear in each issue of the American:

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| Farm Crops | <p>Teach the pupil to know common farm and garden seeds on sight. Have a collection conveniently arranged for study after the pupil has handled each kind.</p> <p>Have the pupil test seeds for vitality. Teach why this is important. (Dead seeds, poor seeds, weak seeds, mean lost effort, poor crop, poverty).</p> <p>Teach the pupil to know the appearance of each plant from the kinds of seeds taught.</p> <p>Kinds of crops to grow and their uses.
(Pupil, the climate of your home must be considered in answering this question for yourself).</p> <p>Time of planting each kind of seed, period of growth, means of harvesting, and methods of storing.</p> |
| Farm Soils | <p>Kinds of soil: Sandy, gravelly, clayey, peaty, limy, loam. Composition of soil: Rock particles, decaying vegetable matter, decaying animal remains, and substances formed by chemical changes (fertility).</p> <p>Study of soil moisture, temperature and aeration.
Methods used to make soils produce crops.</p> |
| Plant Propagation | <p>Plants are propagated by seeds, layers, runners, budding, grafting, or cuttings. (Lessons given in connections with real practice).</p> <p>Materials needed: Sharp knives, boxes of earth, cord and wax.</p> |
| Vegetable Gardens | <p>Planting the garden, cultivation, harvesting, marketing, storing.</p> <p>Sprays for plant diseases and enemies.</p> |
| Flower Garden | <p>Flowers are grown from seeds, bulbs, or cuttings.
Manner of planting for proper effects.</p> |
| Local Forestry | <p>Common trees and shrubs of locality.</p> |
| Local Weeds | <p>Common weeds of locality.
How they are propagated and scattered.
How destroyed.</p> |