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New York Botanical Garden

Courses in gardening at the
Botanical Garden

COURSES IN GARDENING
AT
THE NEW YORK BOTANICAL GARDEN
IN CO-OPERATION WITH
THE INTERNATIONAL
CHILDREN'S SCHOOL FARM LEAGUE

PRESS OF
THE NEW ERA PRINTING COMPANY
LANCASTER, PA.

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COURSES OF INSTRUCTION

I. *Simple Home Garden Courses for those desiring to conduct their own gardens.*

Mondays in April, 2.30 P.M.

Tuesdays in May, 4.30 P.M.

Tuesdays in June, 4.30 P.M.

The fee for each course will be five dollars, which will include necessary supplies and materials.

TALKS.

Soil and preparation.

Cultivation and weed control.

What and how to plant. Transplanting. Food values.

Relation of sunlight, air, and water to the garden.

GARDEN PRACTICE, AND OBSERVATION.

Planting, transplanting, thinning, spading, raking, hoeing, cultivating, weeding.

To be repeated, as needed, monthly, hours to be arranged.

II. *Training Courses for Teachers for School Gardens*

Mondays, Tuesdays, Wednesdays, Thursdays and Fridays May 14th to June 22nd, 1917, from 2.30 to 5.30 P.M. Mondays, Tuesdays, Wednesdays, Thursdays and Fridays July 9th to August 17th, 1917, from 9.30 A.M. to 12.30 P.M.

This course will show the pedagogical value of the school garden, and how it may fit into the curriculum without disturbing it.

How, by proper planning, a teacher may take a full class into the garden and do effective work in the ordinary class period.

How the garden will furnish material of educational value, alive with interest, which will aid and inspire the regular classroom studies of reading, writing, arithmetic, language, drawing, geography, and history.

Instruction will be given, by lectures, practice work, and reading, in those subjects needed by teachers in school garden work, and connected classroom experiments.

Laboratory and garden tools will be supplied without charge.

The fee for each course will be twenty-five dollars, which will include necessary materials and supplies.

A certificate will be awarded by The New York Botanical Garden to students satisfactorily completing the course.

LECTURES. 30 one-hour periods.

Introduction. The school garden an educational laboratory, planned for the child's development. The teacher's attitude.

Correlation. Examples of how to use the garden problems in classroom work.

Planning the School Garden. The ground plan and planting scheme.

Soil and fertility. Fertilizers and manures.

Seeds. Selection. Germinating. Planting. Transplanting.

Thinning. Proper spacing.

Relation of water, air, sunlight to the garden.

Insects and animals of the garden.

Hygiene and physical culture lessons drawn from the garden work and study, to be applied by the teacher in guiding the child at work, and in talks in the classroom.

Studies of growing plants. Lessons in observation.

Short histories of several vegetables. • Uses.

Elementary forestry and soil conservation.

GARDEN PRACTICE. 30 one-hour periods.

Spading, raking, hoeing, cultivating, planting, thinning, transplanting, weeding. Weed and insect studies. Harvesting and exhibit preparation. General and special observation.

LABORATORY AND SHOP PRACTICE. 30 hours.

Cultivating stick, garden line and knots, plot stake, marking board, hand carrier, root and insect cages, flat or window box, butterfly net, poison jar, spreading board, map, stencils, and studies and experiments with student-made apparatus.

III. *Special or Partial Courses* in gardening may be arranged if applications are sufficiently numerous.

IV. *Autumn Course.*

Mondays, Tuesdays, Wednesdays, Thursdays and Fridays, September 10th to October 26th, from 4 to 5.30 P.M. The fee for this course will be twenty dollars, which will include necessary supplies and materials.

LECTURES.

Seeds, weeds, composting, fertilizers, fall tillage, cover crops. Food values.

GARDEN PRACTICE.

Harvesting of seeds, of plants and of root crops. Fall fertilizing and spading. Compost pits and their contents. Fall planting. Plant protection for the winter.

LABORATORY.

Experiments and shop work.

V. *Greenhouse Courses* will be organized for November and December, 1917, and for January and February, 1918, to include lectures, greenhouse bench work, propagating, potting, seed testing, hot-bed and mold-frame practice.

All correspondence relative to these courses should be addressed to

HENRY GRISCOM PARSONS,
Supervisor of Gardening Instruction,
Mansion, New York Botanical Garden,
Bronx Park.

Access to the School Garden and to the Mansion is most convenient from the new Pelham Parkway Station of the White Plains Road extension of the Subway, walking west on the Bronx and Pelham Parkway and north on either the Bronx Boulevard or on paths which lead to the Mansion. Access can also be had by a somewhat longer walk from the terminal (Botanical Garden or Bronx Park) station of the Third Avenue Elevated Railway, walking east through the Flower Gardens and Hemlock Forest to the Mansion. The Southern Boulevard trolley line reaches the southwestern corner of the Botanical Garden at the junction of Southern Boulevard and Pelham Avenue, from which point access to the Mansion and School Garden can be had by walking east on Pelham Avenue and north to the Mansion.

N. L. BRITTON,
Director-in-Chief.

New York Botanical Garden Library

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