Home Economics—Conducted tour through the Nursery School, household equipment, textile laboratories.

Horticulture and Forestry—Visit greenhouses where flowers and vegetables are grown without soil. Visit laboratories where plants are studied in artificial light and their processes measured. See manufacture of cider and other fruit products.

Journalism—The production of the campus newspaper, "The Lantern." The news room and printing facilities.


Medicine—A tour of Kinsman Hall medical and surgical research laboratories including a demonstration of living human blood cells.

Military Science
Field Artillery—Simulation of firing the famous "French 75," commands by "Talkie radio," installation of a field range for preparation of food in the field.
Signal Corps—Demonstration of radio and telephone communication; "walkie-talkie" sets in operation.

Music—Moving pictures of Marching Band and dress rehearsal of Marching Band.

Nursing—Demonstrations, tour of the Hospital.

Pharmacy—Inspection of Pharmacy laboratories and model drug store. Demonstration of medicinal tablet manufacture.

Physical Education for Women—Demonstration of Badminton and Table Tennis in Pomerene Gymnasium and Field Hockey, Archery and Golf at the Women's Field House.

Physics—Striking experiments used in physics instruction and research. The electron microscope, Room 112, Communications laboratory, will also be open to guests.

Psychology—Exhibit of apparatus used in experiments on emotions and fatigue. Tests of special abilities, including some of the tests for aviators.

Radio Station—Inspection of broadcasting studios.

School of Optometry—Demonstration of instruments and methods used in eye examination. Instruments for making lenses. The insertion and fitting of contact lenses.

Speech—Tour of the Speech Clinic, Drama Studio Laboratory; entertaining and informative lectures with movies relating to the problems of speech will be presented.

Veterinary Medicine—The clinical facilities and laboratory activities. Students will be conducted on a tour through the various departments of the College.

Zoology and Entomology—Inspection of material "setup" used in instruction.

Moving Pictures—A color film made during High School Day of last year will be shown at 11:30 in the Chapel, University Hall.

ANNOUNCING THE NINTH ANNUAL OBSERVANCE OF HIGH-SCHOOL DAY at the OHIO STATE UNIVERSITY

Saturday, October 18, 1941

PURDUE-OHIO STATE

For all SENIOR HIGH SCHOOLS except those in Franklin, Licking, Fairfield, Pickaway, Madison, Delaware, and Union Counties
An Invitation

THE OHIO STATE UNIVERSITY takes pleasure in announcing the observance of its ninth annual High School Day program.

This invitation is extended to the pupils of the Eleventh and Twelfth grades only.

We wish to emphasize the necessity of the cooperation of each high school administrator in confining the sale of tickets to the two classes mentioned. Our estimates made from attendance figures, indicate that under this plan all senior high schools may be accommodated.

It is the hope of the University that these guests will catch a glimpse of college life, of the educational opportunities afforded them at Ohio State, and possibly be stimulated to pursue advanced education along some specific line.

It is suggested that some administrator in your school discuss the enclosed program detail with the students taking the trip. A short session of this sort would allow them an opportunity to select in advance, items in which they might be vitally interested.

The University welcomes you on these days of special events for high school children and invites your further visitation at any time agreeable with you.

B. L. STRADLEY, Chairman
High School Day Committee

PROGRAM

10:30 a.m. .................. Long Walk, Oval
Along the walk which runs through the center of the Campus Oval, standards have been erected which carry the titles of various phases of University activities. Demonstrations, inspection tours, exhibitions, and other educational projects have been arranged and High School pupils will assemble behind the standard which indicates the field of their interest. Guides will conduct the groups of pupils to the buildings where the events take place. Teachers, parents, chaperons, and other visitors may attend as well as the pupils. Members of the University faculty will be present in each building to explain the demonstrations and to talk to the pupils. The activities are classified as follows:

Agricultural Chemistry—Visit to student laboratories. Inspection of industrial research on lard, whole wheat flour, insecticides. Typical apparatus on display will be saccharimeter, polarizing microscope, fluorophotometer, electric ovens, furnaces, etc.

Astronomy—Inspection of instruments; also if the sky is clear, observation of the sun with telescope.

Bacteriology—Microscopic demonstrations of various types of bacteria. Demonstrations of some of the most common activities of bacteria.

Botany—Display of materials and equipment used in teaching Botany.

Chemistry—The following projects will be on display: Preparation of pure Hydrocarbons; Semimicro and Micro-analytical apparatus; Supercentrifuge; Experiments with liquid air and liquid ammonia; Carbohydrates; Separation of rare earths; Spectroscopic laboratory.

Dairy Technology—A display of dairy equipment and an explanation of various dairy manufacturing processes. A conducted tour of the University Dairy where the milk supply for the campus is processed.

Dentistry—Visit to dental clinics and laboratories.

Engineering

Agricultural Engineering—A display of latest farm machinery and a demonstration of equipment such as tractor testing, machinery testing, etc.

Architecture and Landscape Architecture—An exhibition of drawings made by students in courses in design; also construction models.

Ceramic Engineering—New and novel ceramic equipment and processes will be demonstrated. Also there will be special displays of ceramic products.

Chemical Engineering—Inspection and demonstration of an experiment in chemistry.

Civil Engineering—Display of surveying instruments with movies and demonstrations of color observations for direction. Exhibit of large testing machines.

Electrical Engineering—Inspection of equipment and machinery in the power, illumination and communication laboratories.

Industrial Engineering—Inspection of machine tools and laboratory facilities.

Metallurgy—Visit to the laboratories.

Mechanical Engineering—Inspection of power and hydraulic machinery in the laboratories.

Mine Engineering—Demonstration of equipment and instrucional processes in mine and petroleum engineering.

Photography—Demonstration of the camera and lighting used in a portrait studio.

Fine Arts—"Throwing" pots on a potter's wheel. Moving pictures of marionette making and painting. Classes in operation. Exhibition of works by students.

Geology—A visit to the Geological Museum where guides will explain the collections; minerals and fossils from Ohio rocks, the Ohio Mastodon, an exhibit of fluorescent minerals, etc.

Historical Museum—Display of relics from Indian Mounds and villages, and other Ohio periods.
High School Day.

This day was observed for the first time May 22d, 1896. It was an original idea of President Canfield, and it has proved a most excellent one. Its object is to bring together at the University once a year, the High School students from all over the State, thus bringing the High Schools into closer relation with the head of the educational system of Ohio—the State University.

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