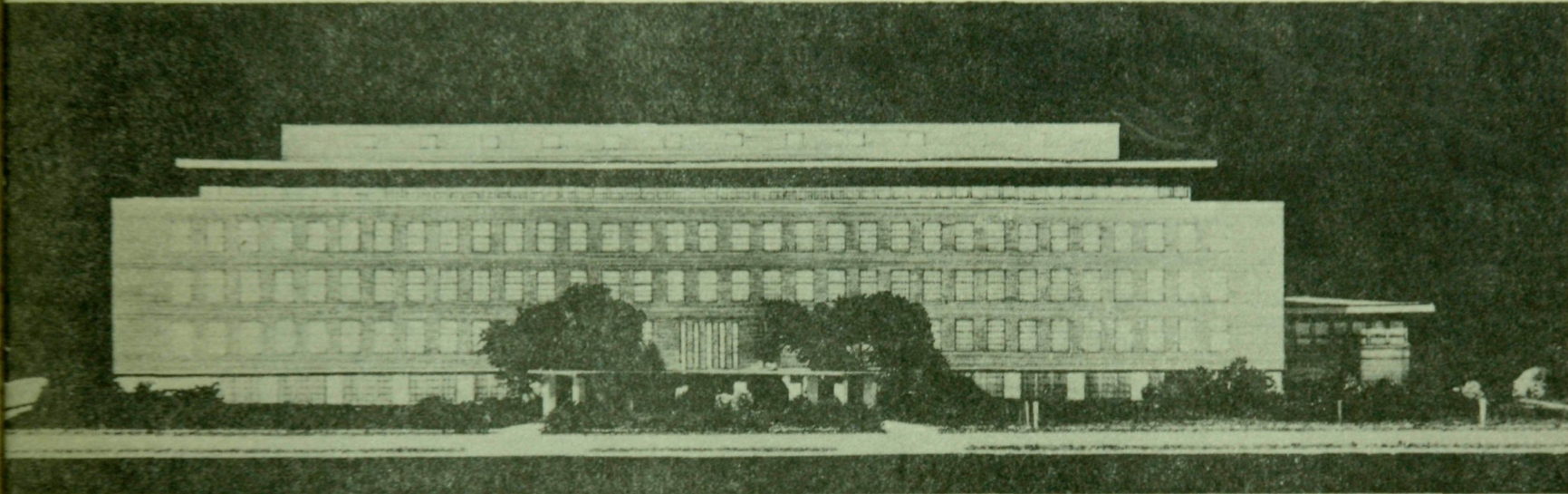


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NEW HOMES FOR HOME ECONOMICS

AT THE UNIVERSITY OF ILLINOIS

UNIVERSITY OF ILLINOIS

COLLEGE OF AGRICULTURE

URBANA



WELCOME

We are proud to present in this leaflet a glimpse of our "New Homes for Home Economics" at the University of Illinois. Bevier Hall and the Child Development Laboratory are designed to house the multi-faceted programs of resident teaching, extension, and research in home economics.

These facilities will be a tremendous asset to members of the department who seek to help young people place families and homes in important perspective, to assist homemakers in working out their problems of home and family living, and to train persons for the several professions related to home economics.

We believe that each of you may find much of interest and personal value in these buildings and in the activities underway in classrooms and laboratories. Surely we stand ready to assist you in becoming better acquainted with this department and its new homes.

Janice M. Smith, Head
Department of Home Economics



FOODS AND NUTRITION

The division of foods and nutrition is housed on the third and fourth floors.

On the third floor, four laboratories provide for the teaching of introductory courses in foods and nutrition, food economics and dietetics, advanced food preparation and experimental foods. Servicing of these laboratories can be efficiently handled because of the special area designed for food preparation activities and food and equipment storage.

Also on this floor, a dining room with wainscot and cabinets in birch and another with rich cherry cabinetry and woodwork give home economics students an opportunity to practice in meal service and experience in using a variety of items for table settings. In all instances, several types of equipment, varied storage facilities, and several laboratory arrangements have been used. One special demonstration classroom with television conduits permits students to obtain experience in giving demonstrations before actual audiences.

Individual research laboratories, accommodating two or four research workers, and two large research laboratories, accommodating six to ten full-time staff members, are on the fourth floor. There is also a large laboratory for classes in advanced nutrition.

Food research facilities include the large staff and student laboratories already mentioned, chemical and food preparation laboratories, a dark room, instrument room, and special cold room and freezer space.

The laboratory for taste panel work facilitates the research in foods and food technology. This tasting laboratory and its adjacent kitchen allows for the preparation and evaluation of foods in an area free from extraneous odors and distractions. There are six individual tasting booths for the judges, painted a neutral color and featuring special overhead lighting. This lighting can be used with various filters to mask or enhance color difference in foods. Also in the laboratory are six small tables which may be used as individual units or together when conferences concerning the objectives and planning of the taste tests are in session.

In addition to the graduate and staff laboratories, nutrition research laboratories are designed for (1) microbiological research, (2) animal studies, (3) gas analyses, (4) studies with tracer elements, (5) physical fitness and energy studies, and (6) human balance studies.

INSTITUTION MANAGEMENT



The northwest wing houses the Division of Institution and Restaurant Management. An outside entrance on the west opens into a glass-fronted stairway leading to the modern and spacious cafeteria.

The facilities consist of a cafeteria service counter and dining room, the kitchen area, a restaurant dining room, and offices. The cafeteria dining room seats 125. One of the new features of this room is the trayveyor which removes guests' trays quietly and efficiently to the dishwashing unit.

The kitchen is a three-way arrangement--one area for quantity cooking for the cafeteria, one a test kitchen, and one designed to serve the restaurant dining room called the "Spice Box."

The kitchen is divided into work units to facilitate teaching. The main kitchen has ranges, ovens, and steamers, and labor saving devices for preparing the various menu items. The vegetables are largely cooked in trunnion kettles for a short time and in small amounts.

From the kitchen, the foods go directly to a pass-through warming cabinet or to a salad refrigerator and are then taken to the serving counter. This intermediate step makes an efficient and di-

rect flow of food to the counter from the kitchen and keeps the food at the desired temperatures.

Efficiency characterizes the entire setup since the facilities eliminate unnecessary handling and also insure the utmost sanitation. Versatility keynotes the work units, because much of the equipment is on wheels and can be moved about.

In the northwest corner of the unit is the test kitchen where graduate students can work on experimental problems under controlled conditions.

North of the quantity cookery unit is the restaurant kitchen with facilities for short order cookery as well as modern service equipment. This serves as a laboratory for the restaurant and catering classes.

The "Spice Box," named for its early American decor, seats 75 guests for either table or buffet service. The restaurant is accessible from the main corridor of the building and can be used for departmental functions. Off this room is a small lounge where guests may assemble before going into the dining room.

Receiving, storage, and locker space are conveniently located on the first floor.



HOME MANAGEMENT

Sharing space with the Division of Textiles and Clothing on the first and second floors of Bevier Hall are the class rooms and laboratories of the Division of Home Management.

These areas provide for greatly expanded teaching and research activities in housing, household equipment, and home furnishings.

To allow maximum flexibility, only necessary fixed equipment is installed in the housing research laboratories. Currently, a kitchen using many of the latest in appliances is set up and is being compared with one which incorporates the findings of research previously made at the University of Illinois. The actual step-saving benefits of new items such as the wall refrigerators are being studied.

New household equipment laboratories make it possible to initiate equipment research and to offer courses each semester. Students study the principles basic to the choice of appliances and use and evaluate examples of different types. New models will be installed frequently so students can keep up with current markets. So that students may com-

pare convenience of different arrangements of appliances, one dishwasher is installed on the left of the sink, another on the right.

For study of large appliances the entire center of the room can be freed for class activity. When small equipment is being studied tables which fold into the wall can be lowered for class use.

Home furnishings and housing laboratories are located at the south end of the second floor. One room, equipped with drawing tables is used by advanced classes in home furnishings. Here students design interiors of homes, choosing colors, wall and floor finishes, and furniture. Classes in family housing study house plans for appropriateness for family living. For flexibility in use of the room, folding tables and stacking chairs are used in the second laboratory.

The third room is a flexible home furnishings laboratory with adjustable partitions that allow students to "test" their ideas of furniture or room arrangements.

By use of dividers it is possible to demonstrate several room arrangements at one time.



TEXTILES AND CLOTHING

In the clothing laboratories are special clothing construction units designed to give each student her own sewing machine, pressing and cutting space and equipment. Two of the units are movable so that they may be moved aside for demonstration purposes. There is storage space for dress forms in the advanced construction laboratory, while each laboratory has its own fitting room with folding doors.

On the south end of the first and second floors you will find the Division of Textiles and Clothing.

On the first floor south, you will find the costume design laboratory, two clothing construction laboratories, and a student work room.

The costume design laboratory has a mirror the full length of one end of the room with a counter below. Here is provision for ten students to be seated at a counter while others may stand near by to help select colors. There is also a special drawing table for each student. Off this room you will notice a separate store room especially designed to take care of our costume design collection.

Home economics students can use the work room any hour of the day to do outside work in clothing

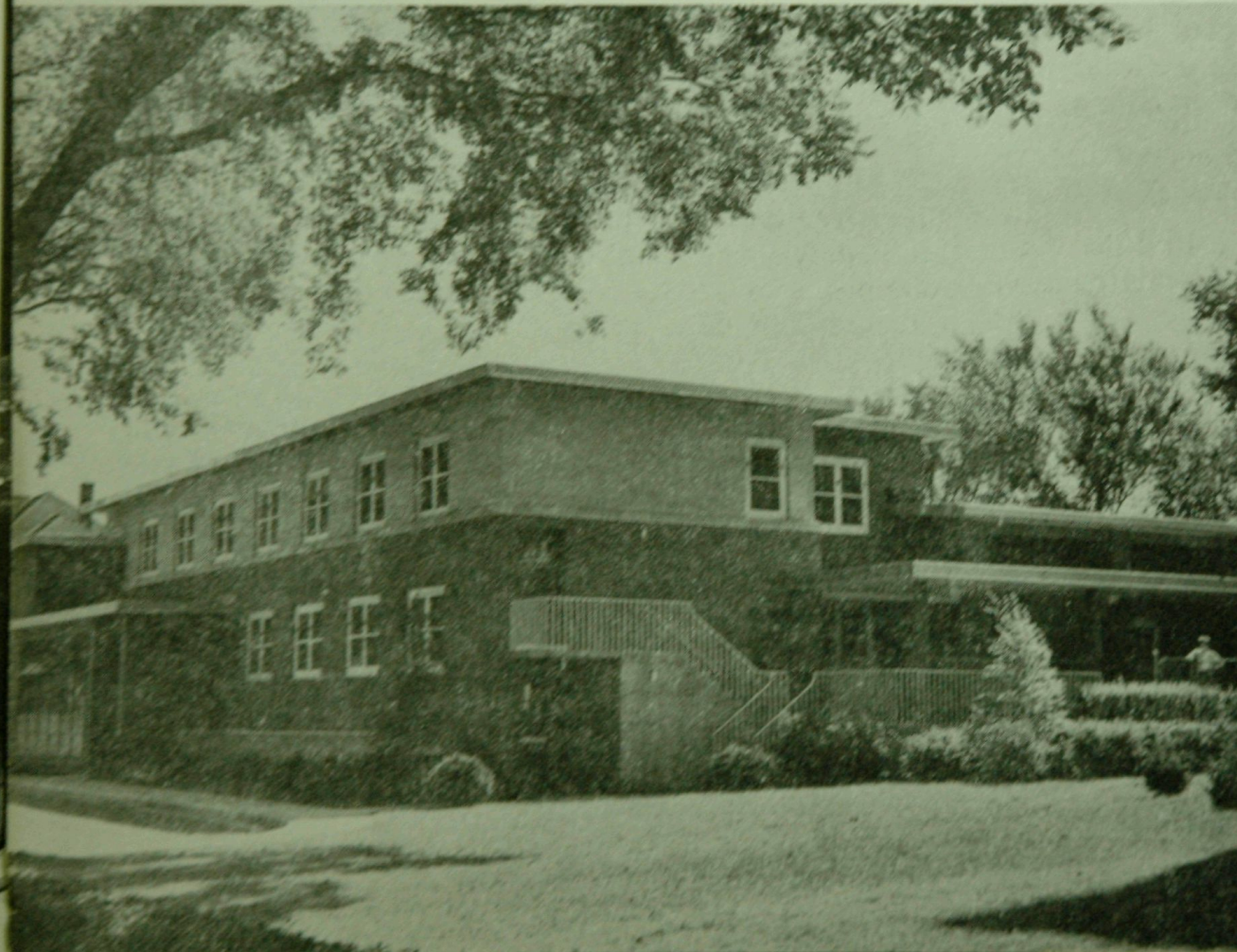
construction. It is equipped with sewing machines, ironing boards, mirrors, sinks, and storage space.

The weaving laboratory is in the north end of the first floor. Here there are adequate facilities to teach 35 students. Bins are provided for yarn storage. Facilities also are available for dyeing yarns and fabrics.

The undergraduate and graduate textile laboratories are on the second floor. In the undergraduate laboratory, chemical desk space is provided for 24 students. Microscope space and conference area also are provided.

The graduate laboratory contains chemical desk space for 12 students, a conditioning room, and research equipment including a launderometer and fadeometer. The conditioning room provides for textile testing under standard conditions. It contains a tensile strength machine, chainomatic balance, and other pieces of small research equipment. The room provides for textile testing under standard conditions.

CHILD DEVELOPMENT AND FAMILY RELATIONS



The new home of the Division of Child Development and Family Relationships is two blocks north-east of Bevier Hall on Nevada Street.

This "Laboratory" building was designed to meet the needs of pre-school children. The playrooms, large and airy, have the full east, south, and west frontage for maximum sunlight throughout the day. Color schemes and appointments have been carried out to provide a happy and interesting place for 3- and 4-year-old children. The floors are cork to deaden noise and soften falls. The children's library, locker rooms, toilet and washrooms--all equipped to accommodate the nursery age child occupy the center of the building; while the dining room, kitchen, and experimental rooms for psychological testing and play therapy have the north exposure. Separate playgrounds, located on opposite sides of the building, fully equipped for a wide variety of outdoor play, are conspicuous for the large runways, green grass and wide portico play spaces for inclement weather.

Staff offices, research laboratories, conference rooms and the parents' library, on the second floor, and the classroom with the service areas on the ground floor, complete the building.

From 9 A. M. to 1 P. M., Tuesday through Friday, forty 3- and 4-year-old boys and girls play and learn together in the children's areas indoors and out. As they follow a carefully planned schedule of activities, they serve as "living textbooks" for students, staff, and parents.

While some students work with children in the separate play areas, other students, parents and visitors may observe all the activities in special observation booths on the second floor.

The new building affords more opportunities for students, undergraduate and graduate, to observe and participate in the teaching and research programs in child development, family relationships, and parent education.

With these improved physical facilities and a larger staff, the Home Economics Department will not only increase its undergraduate offerings in Child Development and Family Relationships, but can now develop a worthwhile graduate program. Research, on a larger scale, is also a part of future plans.



HOME ECONOMICS EXTENSION

When you arrive on the fifth floor of Bevier Hall, you will find the headquarters of Home Economics Extension---an off-campus educational program in home economics.

The fifth floor facilities include the office of the state leader of home advisers, 14 double offices for the state staff, demonstration work center and conference room, and a large clerical office. There is also a family economics research laboratory and two storage rooms for supplies, publications, visual aids, and equipment.

From the office of the State Leader of Home Advisers, Miss Lulu S. Black directs an off-campus educational program which is available to all of the people in Illinois. The State Leader also supervises the employment and training of about 130 staff members--county home advisers and their assistants. These staff members direct the home economics extension program in the counties and serve as liaison between the people of the state and the University of Illinois.

Training materials for developing the home economics extension program are prepared in the offices of the subject matter specialists, assistant state leaders and 4-H Club specialists.

Attractive and practical double offices are occupied by the home economics subject matter specialists in child development and parent education, clothing and textiles, foods and nutrition, health education, home furnishings, and home management. These specialists also prepare local leader outlines, and publications covering a wide variety of timely home economics subjects. They also assist in carrying out training programs for more than 46,000 local volunteer leaders each year.

In the family economics research laboratory, long time family account records are received and the data are tabulated and summarized for analysis of family spending and saving habits.

The demonstration work center can be separated from the conference rooms by folding doors and is used by the subject matter specialists as a preparation and experimental area.

The central clerical office of the Home Economics Extension Service is the reception and two-way communication center. Through this office flows the correspondence of the staff members, the training outlines, publications and the many special reports needed to further a program built to serve the people in Illinois counties.

A FINAL WORD

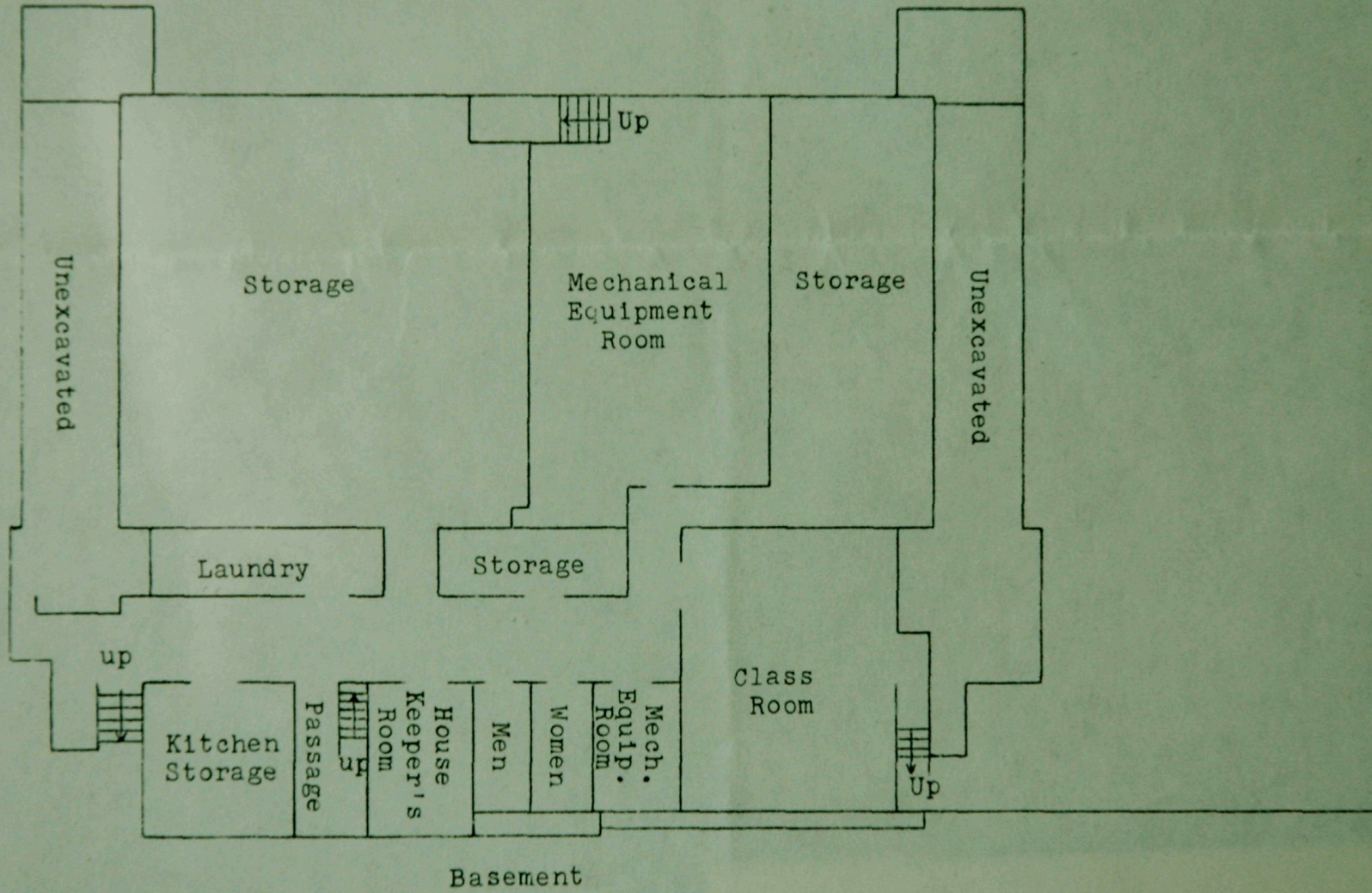
The contents of this brochure have emphasized mainly the space assigned to the administrative divisions of Home Economics.

Considerable building space is devoted to what we have termed "general areas." In Bevier Hall, these include the administrative offices, the library, the student lounge, and conference rooms. Five classrooms, two seminar rooms and an auditorium provide for a variety of group meetings.

Mechanical rooms are located mainly in the penthouse and sub-basement of Bevier Hall and in the basement of the Child Development building.

At some future date we will issue a more extensive description of these general areas.

First Floor



Basement

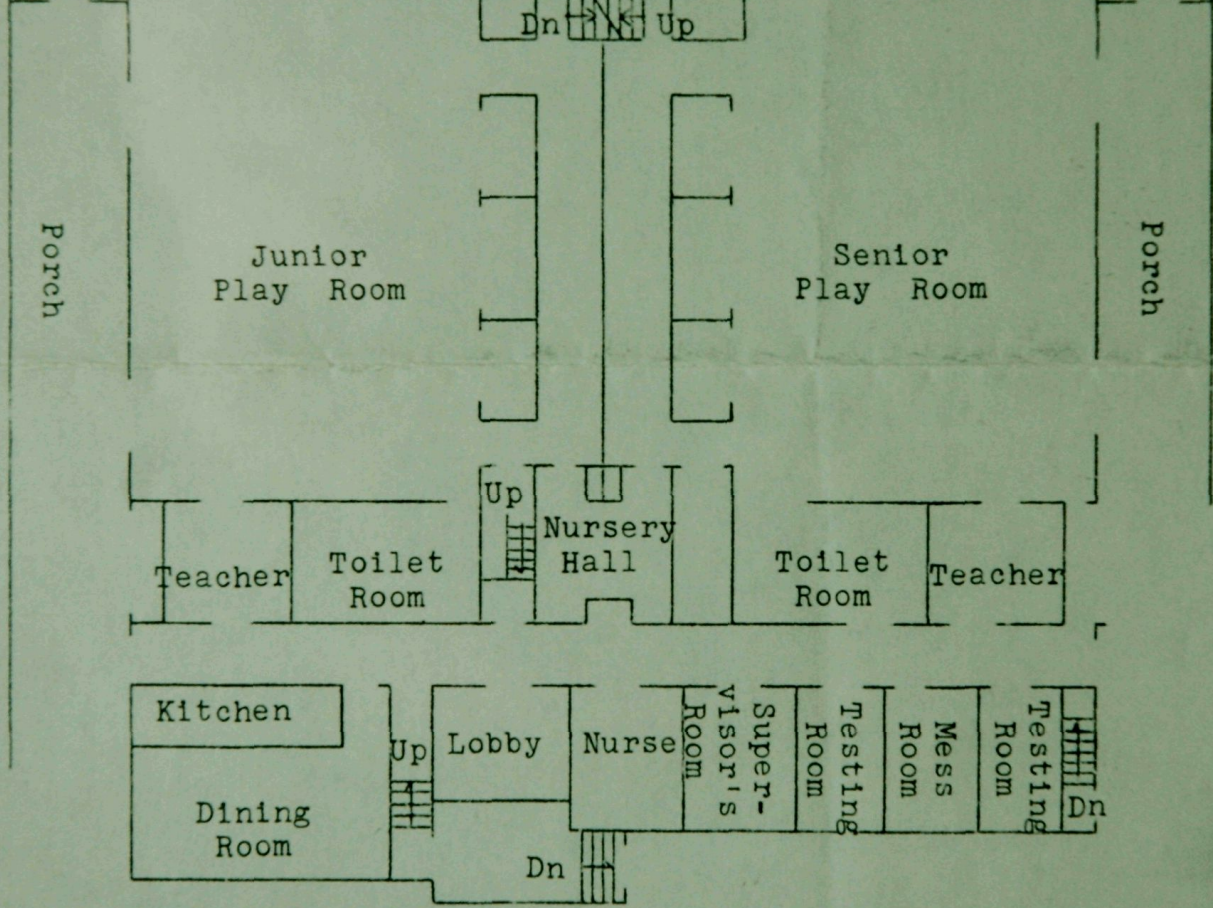
Dining Room

Roof

Second Floor

Outdoor Toy Storage

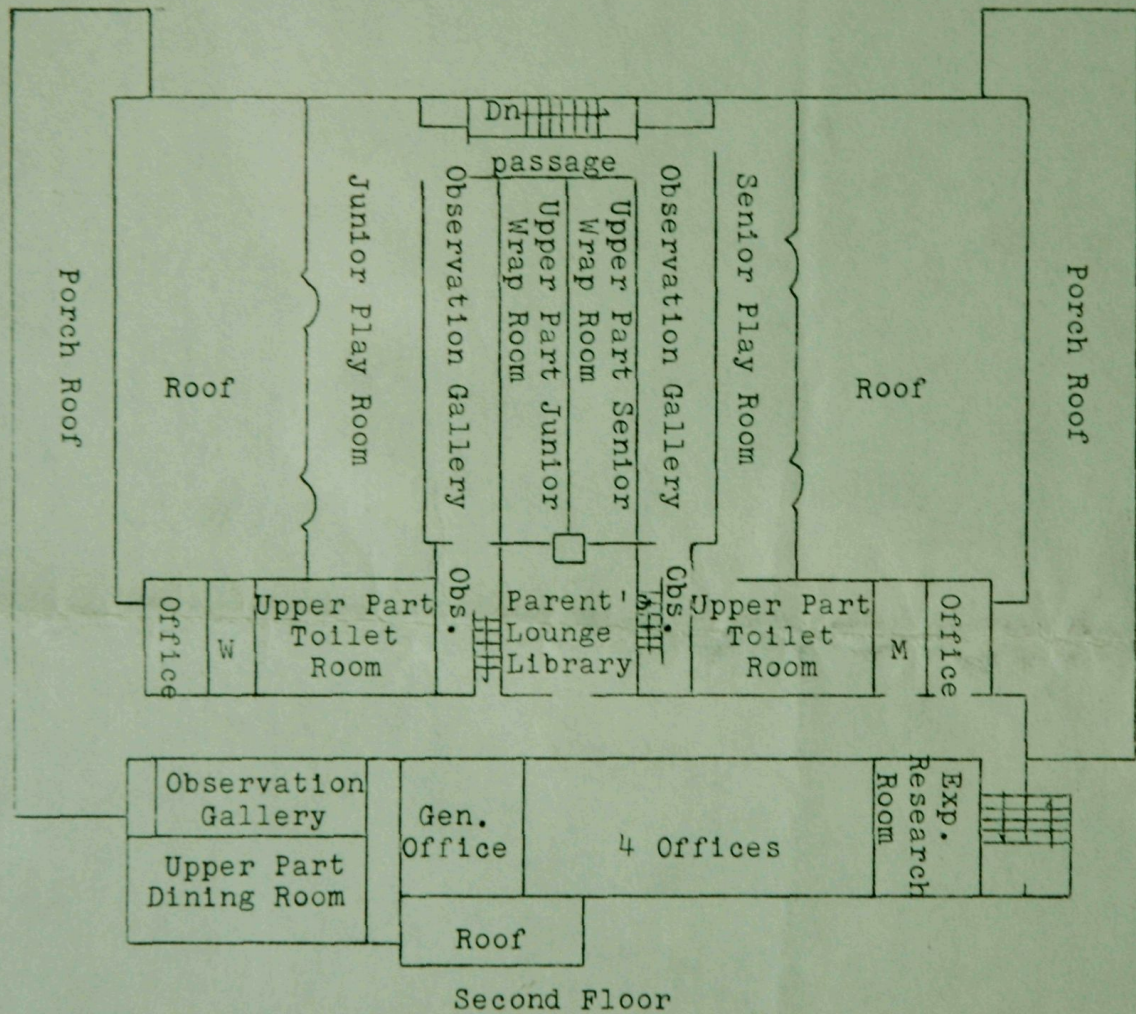
Outdoor Toy Storage



First Floor

CHILD DEVELOPMENT BUILDING

Home Economics



Outdoor

Outdoor