A NEW center for the preparation of master teachers is being established at the Carnegie Institute of Technology (Pittsburgh) with a grant of $1 million from the Carnegie Corporation.

The graduate program for teachers will lead to a new Doctor of Arts degree, "different significantly from existing Ph. D. programs, which place heavy emphasis on research, and from Doctor of Education degree programs in various subject-matter areas, which lay less stress on the mastery of the subject-matters themselves." With the new Center of Education’s help, Carnegie Tech will also offer Ph. D. programs in educational administration and in curriculum development and evaluation.

Edwin Fenton and John Sandberg are directors of the center.

**Continuous Progress Report Card**

A new report card has been developed for use in a pilot nongraded program in two Fort Worth, Texas, elementary schools. It includes a progress “ladder” with nine levels in reading and mathematics, with this legend for parents:

The date on each side of the ladder indicates when the child began that particular level of the program. The most recent date indicates the present level of achievement. Pupils will move through the levels at their own rate of speed. All nine levels are to be completed before leaving the primary school.

**Seminar on American Mind**

Selected twelfth-graders at Woodward High School in Cincinnati are enrolled this year in a seminar conducted by Elizabeth Bohlander, teacher of social studies, and Helen Davis, teacher of English. Entitled “The American Mind,” the seminar explores such topics as these: the complex influences of the Puritan mind in the New World, the American as pioneer and reformer, the expression of moral concern, and the American as rebel, conformist, and creator. Books studied include deToqueville’s *Democracy in America* and *The American Adam* by R. W. B. Lewis.
Extension of Outdoor Education Program

Outdoor education has become an all-year program in Washington County, Maryland (Hagerstown). Heretofore, the program has been limited to an overnight program at Camp Misty Mount during the spring and fall. Now, according to Russell Heyde, coordinator of the program, two staff members are available to work with elementary teachers on a variety of experiences beyond the classroom. These may include “studying soil and living things in the school yard, looking at snowflakes through a magnifier, learning how to clean and beautify a vacant lot, or studying snow, leaf, and trash removal plans of the city and county.”

Variety Under Title I

The Duval County Schools (Jacksonville, Florida) report that five projects have been funded there under ESEA Title I: kindergarten, reading education and diagnostic service, identification and remediation of emotionally disturbed and socially maladjusted students, hearing evaluation and aural rehabilitation of the deaf, and an in-service program for 266 teachers.

Sign Out: “For Boys Only”

Sixteen boys belonging to Ruth Cheesewright’s first grade in Idyllwild School (Hemet, California) have an hour of reading instruction every day all by themselves. With a split-reading schedule in effect (boys come at 9, girls at 10), the boys have been pursuing an interest in space.

Words like capsule, launching, satellite, rockets, blast-off, and countdown are as easily recognized as the tried and true look, come, and ride. Pint-sized authors busily write and illustrate their own “books” after exciting discussions that lead to individual discoveries. These books combine both fact and fiction in a way that NASA might do well to investigate.

Room for Multi-student Responding

Hemet High School (California) has a new Edex laboratory in use this year in the teaching of mathematics, science, and driver education. Described as “a multi-student response reaching system,” the laboratory “consists of 60 student stations electronically equipped for registering four students’ responses (A, B, C, D) to problems presented by tape, projector, or instructor; 16mm slide and filmstrip projectors; and a console from which the entire lab can be controlled and student responses observed.”

After-hours Enrichment Plan

Gifted students at Banning (California) High School have been invited to participate in an after-school program under the guidance of 10 volunteer faculty members. Tentative study projects include lessons in Portuguese, research in Old English or Middle English, study of isotopes, a project in animal husbandry, and readings in the humanities. Frank Burk is the principal of Banning High School.

Plans for Middle Atlantic Computer Center

At a cost of $4 to $6 million, a computer center will be built at Franklin and Marshall College within the next two or three years to link together 50 or more Middle Atlantic colleges and research institutions. Operating budget

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has been estimated at $1.5 million annually.

**Achievements in Pennsylvania**

During the past year, 2,056 school districts in Pennsylvania have been reorganized into 413 new units. Educational television was extended during the same period to reach nearly 97 percent of the state’s population. The state also sponsored the organization of a five-year fine arts planning program aimed at designing a model fine arts curriculum.

New regional instructional materials centers were established to bring the total to 25, with a membership of nearly two million pupils and a program value of $5.8 million.

**Greater Cleveland Social Studies Program**

Announcement has been made that the study materials prepared by the social studies project of the Educational Research Council of Greater Cleveland will be published by the Encyclopaedia Britannica Educational Corporation. The materials for kindergarten-grade 3 will be available in 1968.

**Revision of Bulletin on English**

Available from the Educational Research Council of Greater Cleveland is an expanded 200-page edition of *Sequential Programs in English for a Restructured Curriculum, Grades 7-12* (address of the Council: Rockefeller Building, Cleveland, Ohio 44113).

**School Produces District Bulletin**

The *Oklahoma City School News*, a bulletin replacing a former publication called the *Superintendent’s Bulletin*, is produced by students in the vari-typing and offset printing classes of the district’s Capitol Hill High School.

**Special Education Program in Oklahoma City**

The scope of the Oklahoma City special education program is indicated by the following list of classes: educable, 114; trainable, 19; orthopedically handicapped, 9; partially-sighted, 3; blind, 1; hard-of-hearing, 3; perceptually handicapped, 5; and emotionally disturbed, 1.

**ID Cards in High School**

One of the innovations in St. Louis secondary schools coming out of the work of the Committee on the Instructional Program is the issuance of student identification cards to keep intruders out of the buildings. Also security officers are being employed in school buildings.

**Language Lab for First Graders**

The Applied Language Research Center in El Paso, Texas, houses pilot classes for both children and adults. First-grade children from Roosevelt and Beall Elementary Schools visit the laboratory daily as part of their language arts program, using electronic equipment on which they can listen to lessons, record their own responses, and play back the recording. A second center has recently been opened.

**North-South Exchange Program**

Thirty students from West High School, Madison, Wisconsin, visited Central High School in Little Rock, Arkansas, last December. The Arkansas school returned the visit in February.
Auxiliary Personnel Project

Four Indiana school systems are participating in a project sponsored by Ball State University (Muncie, Indiana) on preparing auxiliary school personnel for the elementary classroom. Included in the study are the areas of interest: "the types of preservice and in-service training that should be provided for aides, the kinds of classroom activities which aides may be expected to perform effectively, the role of the professional classroom teacher in the choice and supervision of the activities in which his aide engages, and the optimum level of training for persons employed as aides." Richard Alexander is program director of the project.

Curriculum Research Project

Nine schools in Gary, Indiana, are serving as sites for a curriculum experiment in the development of better attitudes toward other races directed by John Georgeoff of Purdue University. The effort is aimed at measuring the results of teaching a fourth grade unit on the American Negro. Attitude scales, sociometric instruments, and informational tests will be administered before and after the unit is taught.

Transportation To Improve Human Relations

One of the federally subsidized projects in the Springfield, Massachusetts, Public Schools this year carries the title "The Transportation To Improve Education in Human Relations Project," with a budget of $93,184. Transportation is provided under a policy of "modified open enrollment" for students transferring to improve racial balance.

Student Volunteer Program Review

A special supplement to the Staff Bulletin of the New York City Public Schools (November 14, 1966) deals comprehensively with the student volunteer program, now ten years old and extended last year to include the summer months.

Teacher Education Studies in New York City

A variety of teacher education studies is being undertaken in the New York City schools in cooperation with the Center for Urban Education. Operation PRIMA (Puerto Ricans in the Metropolitan Area) will support the existing effort to recruit teachers from the Puerto Rican population. One study will provide special training in science for 60 elementary school teachers over a three-year period. Another will investigate ways in which "unionization and collective bargaining have affected the principal's role in city schools.”

Growth of Supervision in Florida 1944-65

Reported in a bulletin, Growth of Instructional Supervision in Florida Counties, 1944-65, and Recent Findings of Supervisory Roles and Responsibilities, are results of a study, begun in December 1964 and completed in June 1966. This study was sponsored by the Steering Committee, NDEA, of the Florida State Department of Education, and was conducted by the Department of Administration and Supervision, School of Education, Florida State University. Mildred Swearingen was director of the project, Marian Black was consultant, while Ione Perry and Tom
Renfro, graduate assistants, served as staff members.

The purposes of the study were two-fold:

First, to ascertain the growth of supervision in Florida since 1944, and second, to uncover and collect needed information about supervisory positions—their number, kinds, responsibilities and direction of development.

Two significant points based on the findings of the study are these:

1. The demand and opportunity for new supervisory personnel are enormous. With 1152 instructional supervision and curriculum consultant positions identified in 1965-66, it would take more than 100 new supervisors a year just for replacements in the existing staffs.

2. The rate of expansion of supervisory services is accelerating. All categories are increasing—general, subject area, adult and vocational, and special services. More than 100 additional personnel are needed for the many kinds of new positions each year.

The bulletin (Florida State Department of Education, Tallahassee) also includes a compilation of dissertation findings regarding role and responsibilities of supervisory personnel.

**In-service Education Courses in San Diego**

The second semester district-sponsored college classes for in-service education announced by the San Diego City Schools include these: clay for the elementary schools, seminar in the attitudes and values of the culturally deprived, workshop in the role and contributions of the Mexican-American, workshop in the effective classroom utilization of instructional television, elementary school mathematics for the low achiever, rhythms workshop for upper-grade teachers, zoo seminar for elementary teachers, workshop in aerospace education (grades 2-3), outdoor science education in elementary schools, seminar in modern English literature, color photography for graphic arts teachers, computer mathematics for teachers, survey of scientific concepts and their interdisciplinary nature, and middle east: crossroads of western and eastern worlds. The courses are offered through arrangement with San Diego State College and the University of California Extension Service.

**Elementary-Junior High Complex for Kansas City**

Plans for a new 17-acre site in Kansas City, Missouri, call for construction of an elementary school and a junior high school, each enrolling 1,000 students and sharing boiler equipment and kitchen service. The classrooms in the new complex are “arranged in four-room plan clusters for the 1-3 grades; 2-room clusters for grades 4-6; and space divisible into from 1 to 4 classes in grades 7-9.”

**$65 Million under Title I**

The Board of Education of New York City, as administrator for Title I programs of both public and non-public schools in the city, has approved 25 projects that carry a total figure of $64,824,013.

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