

1973

## Free Materials

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## CALENDAR OF EVENTS FOR PROJECT ASSIST

Project ASSIST, a statewide improvement concept for Iowa, is in operation. Several have made inquiries concerning the chronology of past events and the goals for the immediate future. The following outline is offered as a response to such inquiries and for the general information of others interested in science education in Iowa.

- Fall, 1970 - Announcement of "Package Plan" for certain Universities by NSF  
 March, 1971 - Suggestion by NSF that leaders in Iowa should consider a Comprehensive Plan  
 April-May, 1971 - Meeting with U of I officials and DPI staff concerning a plan  
 Summer, 1971 - Initial draft of comprehensive proposal forwarded to NSF by U of I  
 September, 1971 - Report of NSF staff and panel review  
 November, 1971 - Formal establishment of sixteen regional centers in Iowa with visits with staff in each  
 December, 1971 - Formal Project ASSIST proposal  
 April, 1972 - Review of Project ASSIST with NSF staff  
 May, 1972 - Discussion of planning grant for Project ASSIST  
 June, 1972 - Incorporation of Project ASSIST Concept into AYI proposal at U of I  
 October, 1972 - Discontinuation of AYI program and funding of Project ASSIST as a pilot project  
 November-December, 1972 - Visits with DPI and leaders in all sixteen regional centers  
 January, 1973 - Completion of arrangements for ASSIST decision, structure, staffing, regional coordinators, and time table  
 February, 1973 - Completion of Assessment Plans and first meeting of Advisory Committees and Regional Coordinators  
 February, 1973 - U of I Symposium and involvement of ASSIST Coordinators  
 March, 1973 - Selection of Environmental Team for each center  
 April, 1973 - Completion of leadership roster for each center  
 June-July, 1973 - Seven week conference at U of I for planning and implementing ASSIST programs  
 September, 1973-June, 1974 - Implementation of Statewide Needs Assessment, Community Awareness Projects, Student Program Activities, Model Pre-Service Program, In-Service Projects

## FREE MATERIALS

The Science Education Center at the University of Iowa is now making a number of printed teaching aids available to science teachers. They consist of short articles by the staff which outline procedures and instructional strategies that are ready for classroom use. The initial offerings listed below are related to environmental instruction.

A Survey of Particulate Air Pollution - Background information and a laboratory procedure for the study of particulate air pollution.

A Key to the Identification of Particulate Air Pollution Material - A simplified verbal and pictorial guide to the identification of air pollution particles.

The Investigation of Gaseous Air Pollution - Background information and laboratory procedures for the determination of particulate air pollution.

Water Pollution Tests - A detailed description of the chemical preparations and procedures required for the determination of Oxygen, Carbon Dioxide, Alkalinity, Ammonia, Salinity, Sulfides, pH and Total Suspended Solids.

Soil for Survival Part I Physical Factors - An outline of several simple tests that may be conducted to prepare a report on the physical characteristics of a soil sample.

## UNIVERSITY OF IOWA UPSTEP SUMMER INSTITUTE

UPSTEP Overview

UPSTEP is an activity sponsored by the National Science Foundation to explore new and more effective ways of preparing persons to become highly qualified and competent teachers of science. Through the Iowa-UPSTEP program, now in its third year, science talented undergraduates have been involved in numerous activities in science and in teaching. UPSTEP students involved in the summer phase described in this brochure will have completed their third year