

AN INDIVIDUALIZED, SELF-PACING  
MINI-TOPIC SCIENCE PROGRAM  
FOR THE SECOND AND THIRD GRADES

AN ABSTRACT OF  
A THESIS  
PRESENTED TO THE GRADUATE FACULTY  
OF  
WESTERN CONNECTICUT STATE COLLEGE

IN PARTIAL FULFILLMENT  
OF THE REQUIREMENTS FOR THE DEGREE  
MASTER OF SCIENCE

by

DAWN O'DAY  
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### Abstract

The author has devised a mini-topic science program for the second (and third) grade level of elementary school. The program consists of six units in which the learning objectives and media for attaining these objectives have been carefully programmed. The author hopes to develop additional units so that each child in a proposed class will be able to select a unit which will appeal to him.

The primary objectives of the author's program are to enable each pupil to work at his own rate through units of study in a learning sequence, to develop in each pupil a demonstrable degree of mastery, to develop self-initiation and self-direction of learning, to foster the development of problem solving thought processes, and to encourage self-evaluation and motivation for learning.