

1972

## Cleaner Air Ahead?

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For further information about the four curriculum projects mentioned in this article write:

Elementary Science Study  
Webster Division  
McGraw-Hill Book Company  
Manchester Road  
Manchester, Missouri 63011

Science Curriculum Improvement Study  
Lawrence Hall of Science  
University of California  
Berkeley, Calif. 94720

Science—A Progress Approach  
Xerox Educational Group  
4009 Cambridge  
Des Moines, Iowa 50313

Environmental Studies  
Box 2559  
Boulder, Colorado 80302

Today there is much talk about the open-classroom as the educational panacea of the future. Also the writings of John Holt, Herb Kohl, A. S. Neill, Charles Silberman and others are receiving widespread acclaim, lending impetus to curriculum reform in the United States. In order to lessen the shock of this radical change on the individual classroom teachers, the universities and the other teacher training institutions must provide pre-service and in-service course offerings which express this trend. Our course described above is neither the final answer nor the only alternative, but it is an honest attempt to provide the in-service teacher with some positive feeling for her future role in teaching science in the elementary school.

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## Cleaner Air Ahead?

Environmental Protection Agency Administrator Ruckelshaus has announced that a prototype engine developed by EPA and the U.S. Army has met EPA's 1976 emission standards in initial tests. EPA, the Army, Ford Motor Co. and Texaco, Inc. have been working on the project for the past two years as part of President Nixon's program to develop a virtually pollution free automobile engine.

The new engine, a stratified charge engine, which uses 91-octane unleaded gasoline and features exhaust-gas recirculation and a catalytic muffler,

still has to go through 50,000-mile durability tests.

EPA is charged under the Clean Air Act with responsibility for regulating emissions from new motor vehicles. The law provides for 90 percent reduction of the hydrocarbon, carbon monoxide and nitrogen levels.

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