

1985

## Science Notes - Comet Halley Returns, A Teacher's Guide 1985-86

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## SCIENCE NOTES

3. The teachers/sponsors of the Grand Award Scholars will also be given an all-expense-paid trip to the NSTA Annual Convention in San Francisco, California in March 1986. They will receive a special certificate in recognition of their students' achievement.
4. Ten remaining finalists will each receive a \$1,000 scholarship.
5. Certificates will be awarded to the teacher/sponsor and the high school of each of the twelve finalists.

This program is coordinated by the National Science Supervisors Association and the Council of State Science Supervisors, division affiliates of the National Science Teachers Association.

### Comet Halley Returns, A Teacher's Guide 1985-86

*Comet Halley Returns, A Teachers' Guide, 1985-1986*, EP-197, is an aid for elementary and secondary school teachers.

This most famous of all comets and its 1985-86 rendezvous with Earth and the Sun has already generated a widespread interest in comets in general and Comet Halley in particular. Comet Halley's return this year will offer a unique learning opportunity for students at all levels to gain the skills, understanding and enthusiasm necessary to study science.

The *Teacher's Guide* is designed to meet the growing interest of teachers and their students. Developed under the auspices of the Educational Office at NASA's Goddard Space Flight Center (GSFC), the guide is divided into two parts. The first was written by Dr. Robert D. Chapman, Associate Chief of the Laboratory for Astronomy and Solar Physics at GSFC. It is a brief tutorial which introduces some of the most important concepts about comets, including their historical significance. A list of selected readings at the end of the section provides a resource for those who wish a more in-depth treatment.

The second part of the guide was prepared by Dr. R. Lynn Bondurant, Jr., Educational Services Officer at the NASA Lewis Research Center. This section, titled Educational Activities, contains a number of suggested classroom exercises and carefully described field work to observe the comet. Guidance is provided on where to look for the comet, how to observe it, and how to photograph it. Virtually every exercise can be done without special equipment. All that is needed is some thought on the part of the teacher to adapt the activities to the appropriate grade level.

Individual copies of the guide may be obtained from GSFC at the following address: Elva Bailey, Educational Programs Officer, Code 130, NASA Goddard Space Flight Center, Greenbelt, MD 20771.

— NASA, *Report to Educators*, 12(4), Winter 1984