



# SCIENCE TOPIC OUTREACH POSTERS

## PROGRAM IMPLEMENTATION

The “STOP for Science” program has been developed as a science enrichment activity for Grades K-6. The program consists of a series of posters designed for display in high-traffic areas for maximum student engagement. Developed for use either outside the formal science curriculum, or as enhancements available to classroom teachers, the posters have been designed as stand-alone units for use not only in schools, but also areas such as community centers, recreation halls, or after-school child care sites. Resource materials have been created with schools in mind, allowing teachers the opportunity to link to classroom learning, if desired. While much of the material provided thus assumes a school setting, the program also has broad potential application in other environments.

**Program Facilitator** – The Program Facilitator is the contact person and assumes the overall role of coordinating the program. “STOP for Science” is designed to be self-explanatory and therefore flexible enough to be operated by persons from a variety of different roles: teacher, principal, parent volunteer, science coordinator, gifted/talented program coordinator, etc.

The Program Facilitator:

- Becomes familiar with materials.
- Creates a display area consisting of “STOP for Science” poster, associated mini-poster with questions, three sets of questions sheets color-coded by level, and a container to collect answer sheets. (The Program Facilitator might also want to create their own sheet explaining specific procedures for their site.)
- Provides resource information to interested teachers.
- Changes displays approximately once every six weeks.
- Announces arrival of new posters. (For example: submit a notice to the office to be included during school announcements.)
- Collects question sheets.
- Checks answer sheets for use in drawing.
- Distributes prizes and/or coordinates recognition of participants.

**Classroom Teachers (Optional)** – Resource materials are provided so that interested teachers can become involved to varying degrees ranging from simply being aware of and promoting the program to coordinating classroom activities, potentially including those provided in resource materials, on topics illustrated on the “STOP for Science” posters. Materials include a summary of the main science topics, a description of background science concepts, a list of fun facts and common questions/misconceptions, suggested demonstrations and activities, and a list of related references.



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**What the Program Could Look Like** – Each building sets up the program based on its own unique circumstances. One example of how the program could operate would be as follows.

A visible, high-traffic area in the building is selected. The “STOP for Science” poster and question mini-poster are displayed. Three containers hold the different colored question sheets. A decorated collection box sits at a small desk nearby. An announcement is made each day for a week explaining the “STOP for Science” program.



**Stars Poster on Display for field-testing**

## Sample Announcement

Students, be sure to check out our “STOP for Science” poster located \_\_\_\_\_. A poster on a special topic will be up for about a month. Be sure to STOP for Science and read the poster. You might be surprised at how science is related to many of the things you are familiar with and use each day. Take the scientist challenge by answering questions on the sheets provided. There are three difficulty levels, so choose sheets that fit best for you.

Any question answered correctly qualifies you for a random drawing to receive (a science pencil, stickers, etc.) for this poster. The winners from each poster will be included in a final drawing at the end of the year to win other science-related prizes.

After about four weeks the collection box is removed. Each day the answers to a few questions are revealed, (read on the announcements or posted on the poster) and a random student who had the answer correct is selected to receive a token prize such as a special pencil, science related stickers, etc. The student’s name is entered into a drawing to be held at the end of the year for a larger science-related prize. (Arrange donation of prizes by school PTA, local business, private donors, etc.) Answers to all questions are displayed for the final week or two of the display. Then the cycle is repeated with a new poster. At the end of the year names of all students who have participated are displayed on the bulletin board.