

Examples of Assistance for Elementary School Volunteers

- 1 Work with individuals or teams of students. Encourage questions and discussions with the objective of leading students to think and provide answers to questions. Help them learn to record data, use a log book, analyze the results of an experimental activity, and be comfortable communicating what they've done and their results to others.
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- 3 Offer insights, exposure to an aspect of a specific field of science. Examples include: how the heart works, how the eye works, how a windmill works.
- 4 Provide information on how science relates to a specific aspect of non-science curricular topics. Examples include: what were maps like during a particular historical period, how were maps developed, how were data collected to make maps used by explorers, etc.
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- 6 Relate science to the real world experiences of the students. Science and technology are part of everything that goes on around us. It is important for 5th graders, as they move on, to understand the scientific method and everyday applications of it within their own experience.
- 7 Support for a science inquiry project activity. Assist and advise students as they brainstorm. Seek an activity that is doable, whether it is hands-on, research-based (reading, computer use), or involves making observations.
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- 9 Be a resource for the teacher and for students. Based on your own particular knowledge and expertise or through information gathered from the internet and local libraries.
- 10 Support teachers as they integrate the science curriculum with the curriculum of other subjects. This includes review of curriculum guides for not only science, but for other fields for integration opportunities.
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- 12 Advise on course content at all levels, as requested, or if errors are observed in any source material.
- 13 Help develop parent support. This includes working with PTA on science-oriented programs or participation in PTA programs.
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- 15 Explore opportunities for field trips, other programs that might enhance exposure to curriculum topics.