

**Title:** Connecting Language Arts and Science—A Holistic Approach

**Topic:** Science Education

**Keywords:** science experiments connected to children's literature

**Type:** Workshop proposal on Education

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**Abstract**

This workshop will show how to use hands-on science activities to reinforce and enhance language arts instruction while supporting the National Standards. Children's fiction and informational books become bridges to science learning, serving as effective springboards for teaching science and enriching reading, writing, and other curricular areas. Each of the activities used will include a core hands-on science activity and a featured book along with math, writing, and cross-cultural extensions.

Science investigations and reading are information-processing procedures that have many skills in common. By breaking down the artificial barriers of subjects as individuals units, the strategies and processes that are basic to both can be used to facilitate learning in both areas. Throughout each of the lessons, teachers learn and use the practices of good reading instruction to effectively support the development of the total science concept being taught. Additionally, teachers are shown how to expand the role of writing to learn science. By providing lessons of this type, both the science and language arts curricula are reinforced and extended.