

# Science Solves Mysteries!

## A STEM Skills Program for Grades 4 - 6

The activities in this program meet the following National Science Education Standards:

### Science as Inquiry

#### Abilities necessary to do scientific inquiry

##### Levels K-4

- Ask a question about objects, organisms, and events in the environment.
- Plan and conduct a simple investigation.
- Employ simple equipment and tools to gather data and extend the senses.
- Use data to construct a reasonable explanation.
- Communicate investigations and explanations.

##### Levels 5-8

- Identify questions that can be answered through scientific investigations.
- Use appropriate tools and techniques to gather, analyze, and interpret data.
- Think critically and logically to make the relationships between evidence and explanations.
- Recognize and analyze alternative explanations and predictions.
- Communicate scientific procedures and explanations.

