



# Science Project Procedure

## Checklist for a Successful Project

- 1. Choose a topic you find interesting, and one that follows our Learning Fair guidelines and safety expectations.
- 2. Write a question you can investigate by yourself or with your partner.
- 3. Research your topic using web sites, books, magazines, encyclopedias, and information from doctors, veterinarians, nurses, engineers, scientists, teachers, and librarians.
- 4. Form a hypothesis, your best guess about what the outcome of your experiment will be.
- 5. Make a list of materials you will need to complete your project.
- 6. Write a step-by-step procedure to test your hypothesis.
- 7. Make a chart to use for collecting and organizing your data as you complete the project.
- 8. Carefully conduct your experiment, being sure to follow safe science rules. Keep careful, written notes of your process and results in a notebook.
- 9. Analyze the data you have collected and make a conclusion.
- 10. Organize the results of your project in easy-to-read charts and/or graphs.
- 11. Construct a display that includes your purpose/problem, hypothesis, step-by-step directions, materials list, results, conclusion, graphs/charts, photographs, and the like.
- 12. Choose a few safe items to display with your project which might help people understand your project better. Be sure the items are safe and will not cause a mess, so no glass, etc.
- 13. Be prepared to talk about your project with people who might see it and want to know more about it or have questions for you.
- 14. Enjoy sharing your project with others!

# Design of Exhibit

