

Science Fair Journal

General Requirements of the Science Journal

- All entries from literature review (research) and data collection during experiment MUST be legibly handwritten in blue or black pen.
- Each entry should start with the date, time and location.
- Each entry should be separated by a solid pen line, a blank line, or start at the top of a new page.
- All paperwork should be secured in a folder. A triple-brad pocket folder is recommended. Composition and spiral bound notebooks do not fit on the back of the board for competitions.

Specifics of Research Journal Entries

Internet

- Must record search engine used
- Must document keyword searches used in search engine
- Must record website address of resource reviewed
- Must have citation of resource used
- Notes from literature must be handwritten and cannot be typed (website address may be typed)

Library

- Must record topic search
- Must record location of literature
- Must record page numbers used
- Notes from literature must be handwritten and cannot be typed

Specific Requirements of Data Collection Journal Entries

- Any additional information that may impact variables in the experiment must be recorded in journal entries with the date, time, and location. For instance, if weather conditions may influence the amount of light during the experiment then days of cloudy weather or accurate light measurements must be taken with a light meter must be recorded.
- Any modifications to the original proposed procedures must be documented so they can be corrected in the final version of the experimental procedures (paper & presentation). If all procedures are followed according to proposed procedures, this should be noted in the science journal.
- Any unexpected or unusual events must be recorded.
- All qualitative & quantitative data must be present. Make sure all measurements are metric if applicable.
- Pictures should be taken during the experimental procedure. Be sure to avoid pictures with faces, heads, or identifying features. Pictures may be cropped from their original size. Photographer must be recorded.

Additional requirements for Arizona Science & Engineering Fair (AzSEF)

- All reference articles must be printed out and bound in a 3 ring binder.