

# SCIENCE INTERACTIVE NOTEBOOK

Your **SCIENCE INTERACTIVE NOTEBOOK** will increase your understanding of science by

- using writing as a process for discovery and synthesis of inquiry.
- modeling the many functions of scientists - recording information, data, and experimental diagrams.
- improving your ability to organize ideas and information; providing a study reference for each unit, and using it for review for tests, and even using it as you sequence into Chemistry and Physics.
- demonstrating to your teacher and parents your developing organizational skills, understanding of science concepts and your ability to express thoughts and feelings in a variety of ways.
- deepening the science skills acquired in prior years.

***Think as a scientist... record as a scientist... and reflect as a scientist!***



## Required:

1. An 8 ½ x 11-inch Mead 5-Star spiral notebook of at least 100 pages (provided Semester 1). Please **DO NOT RIP OUT ANY PAGES**; you will need all of them! **Bring to class each day.**
2. **Handouts and other teacher provided pages MUST BE glued or clear taped in place** (double-sided tape works best). Please **NO staples.**
3. **Organized in the same manner:** right side for teacher *input* (notes, readings, labs) and the left side for student *output* (drawings, reflections, etc). Each student should have the same things on each page of the notebook. (See Figure 1)
4. **All left and right pages should be numbered consecutively; right side page titled.**
5. A **Table of Contents** will be kept in the front of the notebook and will be updated each week. A master notebook book will be kept in room 911.
6. This **Handout Guide** must be signed by you and your parent(s). Then, it should be turned in to your teacher.
7. **Notebooks will be peer or teacher graded regularly for completeness and/or general quality. The notebook will be collected for teacher assessment at least once each quarter.**
8. **Staying current with all entries in the notebook is vital to your success this year in science. Coming in after school is the best way to stay caught up especially when absent.**

**Figure 1: How to Organize Your Notebook**

Left side (OUTPUT)	Right side (INPUT)
<p>The left spiral page demonstrates <b>YOUR</b> understanding of the information from the right side page. You work with the input, and <b>INTERACT</b> with the information in creative, unique, and individual ways. The left side helps focus your attention and guides your learning of the science content and concepts.</p>	<p>Science interactive notebooks are used to help you learn and remember important scientific concepts. Why do they work? This notebook style uses both the right and left-brain hemispheres to help you sort, categorize, remember, and creatively interact with the new knowledge you are gaining.</p>
<p><b>Guidelines: OUTPUT</b></p> <ul style="list-style-type: none"> <li>• Almost every left side page gets used!</li> <li>• Always use color and organize information... It helps the brain learn.</li> <li>• No staples; only glue sticks (not Elmer's), clear or double-sided tape</li> <li>• Always number each page consecutively.</li> <li>• If the page begins to tear out at the perforations, tape it immediately.</li> </ul>	<p><b>Guidelines: INPUT</b></p> <ul style="list-style-type: none"> <li>• Always write the date on each page.</li> <li>• Always title each page.</li> <li>• Always number each page consecutively.</li> <li>• No staples; only glue sticks (not Elmer's), clear or double-sided tape</li> <li>• If you run out of space on the right side, attach paper to the bottom of the page with tape and fold it upwards.</li> <li>• If the page begins to tear out at the perforations, tape it immediately.</li> </ul>

**Figure 2: Teacher Interactive Notebook Assessment Rubric**

<p><b>90% and above</b></p>	<p>Notebook contents are <b>NEATLY</b> completed, titled, dated, and labeled.            Pages are numbered correctly.            Right-side/Left-side topics are correct and contents organized according to class model notebook.            Table of Contents reflects all entries to date.            Lecture notes go <b>BEYOND BASIC REQUIREMENTS</b>.            Uses color and effective diagrams.            Shows <b>IMPRESSIVE, IN-DEPTH, self-reflections</b>.</p>
<p><b>80% and above</b></p>	<p>Notebook contents are <b>NEATLY</b> complete, dated, and labeled.            Pages are numbered correctly.            Right-side/Left-side topics are correct and contents organized according to class model notebook.            Table of contents reflects all entries to date.            Lecture notes included <b>MOST OF THE TRAITS OF an A</b> but <b>LACKS EXCELLENCE</b> in all areas.  <b>MOST</b> areas meet requirements but don't go beyond.            Shows <b>IN-DEPTH</b> self-reflection.</p>
<p><b>70% and above</b></p>	<p>Notebooks contents are mostly neat and complete (at least 75%), dated and labeled.            Pages are numbered correctly.            Right-side/Left-side topics are correct and contents organized with no more than 3 assignments missing and/or incorrectly placed.            Table of contents reflects at least 75% of all entries to date.            Uses some color and some diagrams.            Information shows <b>BASIC</b> understanding of content topics.  <b>SOME</b> areas meet requirements, but don't go beyond.            Shows <b>SOME REAL</b> self-reflection.</p>
<p><b>60% and above</b></p>	<p>Notebook contents are <b>INCOMPLETE</b>. More than half the pages are incomplete.  <b>SOME</b> attempt at dating and labeling of entries is made. Majority of pages are not titled or dated            Right-side/Left-side is <b>INCONSISTENT</b> and contents are <b>UNORGANIZED</b> with more than 5 assignments missing or incorrectly placed.            Table of contents shows <b>LIMITED</b> attempts of keeping current entries to date.            Information and concepts show only a <b>SUPERFICIAL UNDERSTANDING</b> of the subject matter and/or show serious inaccuracies.            Uses minimal color and few effective diagrams.            Notebook is <b>NOT NEATLY WRITTE</b>.            Shows <b>LITTLE</b> real self-reflection.</p>
<p><b>50% and above</b></p>	<p>Notebook turned in, but <b>TOO INCOMPLETE TO SCORE</b>.            Majority of pages are missing or incomplete.            Does inconsistent dating and labeling, and numbering. Shows minimal understanding of concepts, not neatly written.</p>
<p><b>0 %</b></p>	<p>Notebook not turned in, <b>NO EVIDENCE</b> of <b>WORK DONE</b>.</p>