

INTERACTIVE SCIENCE NOTEBOOK

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

Using writing as a process for discovery and synthesis of inquiry.

- Modeling many enduring functions of scientists - recording information and data, creating experimental diagrams, forming associations and connections to other learning and asking thoughtful questions.
- Improving your ability to organize ideas and information to provide a study reference for each unit as well as a resource to consult for tests.
- Demonstrating to your teacher and your parents your organizational skills, understanding of science concepts and ability to express thoughts and feelings in a variety of ways.
- Deepening of science skills acquired in prior years by application to your current year of science study.

Required:

1. An 8-1/2 x 11-inch notebook of AT LEAST 100 pages; bound-style composition notebook preferred. DO NOT RIP OUT ANY PAGES, you will need all of them! Bring your notebook to class each day.
2. Have separate loose-leaf paper for other assignments that require you to turn in your daily graded work.
3. Handouts and other teacher-provided pages MUST BE glued or taped in place so that any writing on the page is clearly visible.
4. Organized in the same manner: Right side for *input* only: lecture notes, labs and worksheets. Left side for *output* only: drawings, reflections, associations, "choice" assignments.
5. Pages must be numbered consecutively, do not skip pages, each page titled and dated.
6. A Table of Contents will be kept in the front of the notebook.
7. This Handout Guide will be glued to the front of the notebook after being signed by you and your parent/guardian.
8. There will be a notebook quiz and/or collection and grading of notebooks at least once a month. Grades will be assigned following the rubric on this handout. Glue the rubric to the inside back cover of your notebook.
9. Staying current with notebook entries is vital to your success in this course. If you are absent, copy the right side entries from another student, complete the left side on your own and be sure to update your table of contents.

Student: I understand the purposes of the Interactive Science Notebook and will try my best to keep my notebook up-to-date and complete. If I fall behind, I will quickly seek out assistance from Mrs. Lugo either before or after school:

Student Name _____(print)

Signed _____(signature) date _____

Parents: I have read the above information. I understand the purposes of the Interactive Science Notebook and will encourage and monitor my student's completion of notebook work. I will support make up time before and after school as necessary.

Parent Signature: _____(signature worth 2 points)date _____

Email contact information _____

How to Organize Your Notebook

Left side (OUTPUT)/Homework	Right side (INPUT)/Classwork												
<p>The left page demonstrates YOUR understanding of the information on the right side page. You work with the input and interact 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>What goes on the left side? OUTPUT goes on the left side!</p> <ul style="list-style-type: none"> • Every left-side pages gets used. • Always number and date your pages. • Always use at least four colors and organize information. Be creative; it helps the brain learn. • Your answer to your QOD will ALWAYS appear in the top white margin on a left-side page. 	<p>What goes on the right side? INPUT goes on the right side!</p> <ul style="list-style-type: none"> • Always write the date on each page. • Always title each assignment. • Always number each page consecutively. 												
<p>What could go on the left side? See "Choice" Assignments sheet. Will be "Free Choice" or "Limited Choice" but will involve techniques of:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">Concept maps</td> <td>Venn Diagrams</td> </tr> <tr> <td>Pictures</td> <td>Drawings</td> </tr> <tr> <td>Diagrams</td> <td>Writing Prompts</td> </tr> <tr> <td>Flow Charts</td> <td>Poems</td> </tr> <tr> <td>Songs</td> <td>Self Reflections</td> </tr> <tr> <td>Questions</td> <td>Cartoons</td> </tr> </table>	Concept maps	Venn Diagrams	Pictures	Drawings	Diagrams	Writing Prompts	Flow Charts	Poems	Songs	Self Reflections	Questions	Cartoons	<p>Guidelines:</p> <ul style="list-style-type: none"> • The right page is for writing down information you are given in class (INPUT). • When the teacher lectures, take notes on the right side page. • When you take book or video notes, they go on the right side page. • Lab activities go on the right side. • Any other type of INPUT you get in class. • Highlight important information. • No staples, only glue or clear tape.
Concept maps	Venn Diagrams												
Pictures	Drawings												
Diagrams	Writing Prompts												
Flow Charts	Poems												
Songs	Self Reflections												
Questions	Cartoons												

"Choice" Assignments List:

Any time you need to complete a left-side page, you will choose one of these activities. You will either receive "free" choice (choose any one you like) or "limited" choice (choose one you haven't done before, for example).

- Write a letter to a relative explaining to them what the INPUT on the right side means.
- Write a news article for a paper explaining the significance of the INPUT on the right side.
- Write a song or poem that summarizes the information on the INPUT side.
- Design a demonstration for a much younger student to teach the INPUT on the right side.
- Draw a multi-paneled cartoon that describes and restates the INPUT on the right side.
- Create a foldable or other manipulative that summarizes the information on the INPUT side.
- Create a magazine cover that emphasizes the most important points on the INPUT side.
- Create a timeline that orders events that occurred on the INPUT side.
- Create a flyer or brochure "selling" the interesting ideas on the INPUT side.
- Respond to a specific writing prompt about the INPUT side.
- Create Venn Diagrams or Flow charts to summarize and order the information on the INPUT side.

When creating a left-side page ALWAYS do the following:

- Use the FULL space available to you (leaving the top margin blank for your QOD).
- Use a minimum of four colors for your OUTPUT (**NO MARKERS**).
- Reflect the information on the INPUT side as completely as possible.
- Be NEAT, LEGIBLE and don't waste space.

Interactive Science Notebook Grading Rubric.

Your notebook will be collected about once a month for grading according to the following rubric:

100%	<p>Notebook contents are neatly completed, all pages are numbered, titled and dated. Right-side/left-side topics are correct and contents are organized according to class guidelines. Table of Contents reflects ALL entries to date. Right-side notes go BEYOND basic requirements. Left side shows IMPRESSIVE, IN-DEPTH scientific thought and effort.</p>
90%	<p>Notebook contents are neatly completed, all pages are numbered, titled and dated. Right-side/left-side topics are correct and contents are organized according to class guidelines. Table of Contents reflects all entries to date. Right side notes largely MEET requirements and some go beyond. Left side shows IN-DEPTH thought and effort.</p>
85%	<p>Notebook contents are MOSTLY NEAT and complete (at least 90%), pages numbered, titled and dated. Right-side/left-side topics are correct and organized with no more than 2 assignments incorrectly placed. Table of Contents reflects 90% of all entries up to date. Right side notes meet requirements. Left side shows a basic understanding of content topics, shows some thought and effort.</p>
75%	<p>Notebook contents are legible, complete (at least 80%), pages numbered, titled and dated. Right-side/left-side topics are correct and organized with no more than 4 assignments incorrectly placed. Table of contents reflects at least 80% of all entries to date. Right side notes nearly meet minimum requirements. Left side shows a limited understanding of content topics, limited thought and effort.</p>
65%	<p>Notebook contents are sloppy or incomplete (50%), many pages are not numbered, titled or dated. Right-side/left-side is inconsistent and contents are unorganized with more than 5 assignments incorrectly placed. Table of contents shows limited attempts at keeping entries up to date. Right side contents incomplete. Left side shows only a superficial understanding and/or some inaccuracies, little thought or effort.</p>
55%	<p>Notebook turned in but too incomplete to score well. Majority of pages are missing or incomplete. Dating and labeling of pages is inconsistent. Right side contents incomplete and missing. Left side shows minimal understanding, not neatly written, minimal effort.</p>
0%	<p>Notebook not turned in. No evidence of work done. Notebook has inappropriate content or words written on the cover or pages.</p>