

Which Side? Left? Right?

You will be using your interactive notebook in class every day to help you learn new science concepts and to help you make connections to those concepts. Your interactive notebook will also help you organize your thoughts in a fun and creative way.

Your notebook is a reflection of your learning!

Left Side –OUTPUT

The left side of the notebook is used to show your understanding of the new concepts that you are learning in class. We call this the metacognition, or higher- level thinking, side of your notebook. You will be working with the information from the right, input, side and presenting it in your own way on this left side.

*Always use color and organize information....It helps the brain to learn.

Information that could go on the left:

- Your questions 
- Brainstorming Diagrams 
- Making Connections 
 - Concept Maps
 - Flow Charts
- Graphing 
- Apply what you know to the real world/ Big Idea 
- Self reflection/summaries/Conclusions 
- Poems, songs, comics, storyboards

Right side-INPUT

The right side of the notebook is for your facilitated learning. This side is mostly used for the work that you do in class with your teacher and with other classmates. We have a lot of conversations and questions that we try to answer. You will be recording that work on this, right, side of your notebook.

*Always write the date on each page and label the assignment.

Information that could go on the right:

- Key questions 
- Hypothesis 
- Procedure 
- Labs/Demonstrations/Observations 
- Data 
- Key words /Class consensus ideas 
- Notes

Special Assignments (Left Sides)

Lost or Found - Make a Lost or Found poster about the assigned concept.

1. The poster must have a large (at least 4 colors- black and white DO NOT COUNT) diagram representing the concept.
2. There must be a one to two paragraph description of the lost or found concept using the assigned vocabulary terms (underline the terms in your work).
3. Use one or two paragraphs explaining how the poster and description relate to the assigned concept.

Single Frame Cartoon Project - The cartoon does **NOT** have to be funny

The Front of the Paper

1. Single Frame cartoon (like a Farside)
2. 4 colors minimum (Black and White DO NOT COUNT)
3. Maximum 2 lines for a caption (speaking bubbles are okay, but not encouraged)

On The Bottom of the paper:

4. The Science concept being shown is stated
5. A paragraph explaining why or how the cartoon shows or addresses the concept stated is written

Tee Shirt Art - Design artwork for a tee shirt representing one of the assigned CONCEPTS, VARIABLES or TERMS

1. Front of Shirt must have artwork (minimum of 4 colors) showing the concept, or term.
2. Back of the shirt must have a 1 or 2 line 'cute or clever (but CLEAN)' saying using the concept, variable or term
3. A paragraph explaining how the artwork and saying get the science idea across must be written.

Song or Rap

1. The song must use the assigned vocabulary or concepts. Remember: when presenting the song, be prepared to sing/play it out loud
2. There must be an illustration (4 color minimum) showing an understanding of the assigned topic and concepts.
3. There must be a 1 to 2 paragraph explanation after the song and illustration to explain how each covers and demonstrates the assigned concept and vocabulary.

Haiku Assignment - It has 3 lines and 17 syllables distributed in a 5, 7 and 5 syllable pattern.

17 syllables

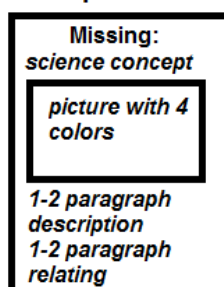
5 syllables in the first line

7 syllables in the second line

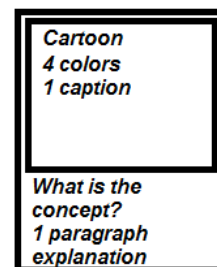
5 syllables in the third line.

1. It must follow the pattern and deal with any aspect of topic covered in class.
2. The section must have a border and artwork reflecting the topic - you pick the aspect you wish to emphasize in the haiku and artwork (Minimum of four colors).
3. There must be a short 3 to 5 sentence explanation telling how the Haiku shows an understanding of the assigned topic.

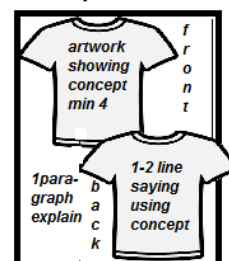
Example:



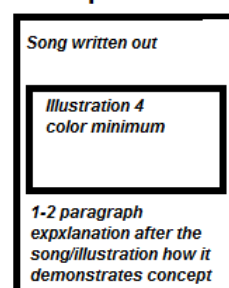
Example:



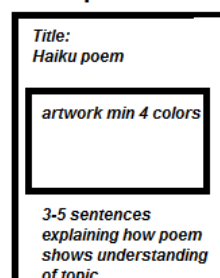
Example:



Example:



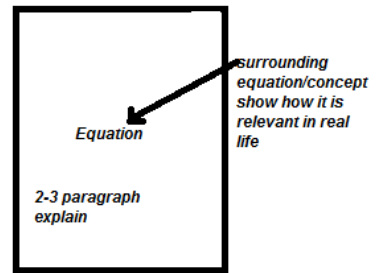
Example:



Tattoo or Body Art - You are in charge of developing a tattoo to allow the world to know about one of the assigned TOPICS or EQUATIONS.

1. The centerpiece of the tattoo must be a slogan representing the concept or equation.
2. The surrounding artwork (4 colors) must demonstrate the equation's concept in a real-life situation.
3. The artwork must be suitable for all ages and appropriate for viewing in all social situations.
4. A 2 to 3 paragraph explanation of how the artwork represents the equation or concept and the best location for the tattoo on the body must be written underneath the tattoo.

Example:



Acrostic Poem - An acrostic poem, sometimes called a name poem, uses a word for its subject. Then each line of the poem begins with a letter from the subject word. This type of poetry doesn't have to rhyme.

1. The assigned term or word is written vertically (up and down)
2. Words, terms and concepts related to the term are written horizontally (back and forth) off the letter in the vertical term.
3. An illustration representing the term or word must follow the acrostic poem.
4. A 3 to 5 sentences explaining how the horizontal words and terms AND the illustration fit the vertical term or word must follow the illustration.

Toy Design - Apply your knowledge of fun and SCIENCE to design the hottest and bestselling toy of the season. It must be able to fit into a standard backpack. The toy must apply one of the assigned SCIENCE CONCEPTS and not cause serious bodily injury as part of normal use. As part of the campaign to promote sales the following information must be provided.

1. What is the name of the toy?
2. What is the basic SCIENCE CONCEPT used when playing with the toy?
3. What are the most fun features of the toy?
4. What age group is the toy designed to reach?
5. How will playing with the toy help teach SCIENCE?
6. Make an illustration of the toy being used (minimum of 4 colors) by a happy consumer.
7. Use at least 2 paragraphs to describe the slogan to sell the toy. Part of the slogan must contain an everyday application applying the toy's SCIENCE CONCEPT.

Vehicle Name - As part of design team for a new model vehicle, you must select a name for the model. The name must reflect the vehicle's abilities and one of the assigned SCIENCE CONCEPTS

1. What is the model name of the vehicle?
2. Explain how the model name of the vehicle fits its abilities.
3. Write the advertising slogan to be used to represent and show the vehicle.
4. Create a magazine advertisement (minimum 4 colors) showing the vehicle and emphasizing its abilities and name.
5. Explain in at least 2 paragraphs how the slogan and magazine advertisement represent the SCIENCE CONCEPT.