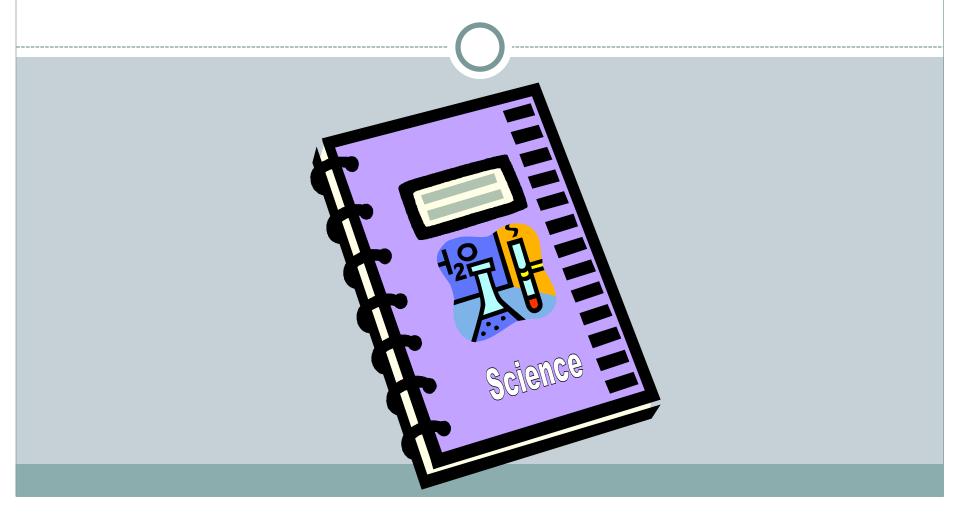
Do Now

- Please write your HW in your agenda!
- Please take out last night's HW to be collected.
- Please take out all supplies needed for ISN setup:
 - Composition notebook
 - O Pens/pencils
 - OGlue or tape

Interactive Science Notebooks

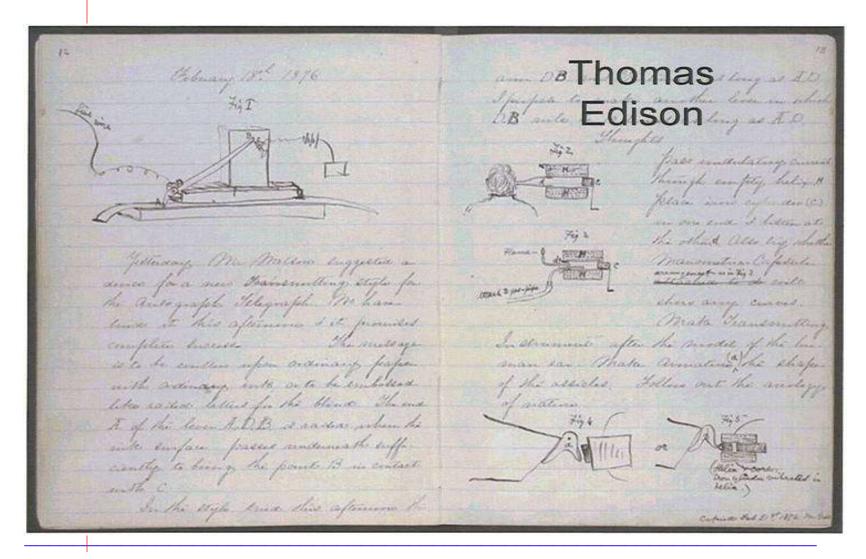


Whatisan

Interactive Science

Notebook (ISN)?

Scientists use notebooks!



They take notes about the environment!

There is beden food at al was I feel & inche long, and long

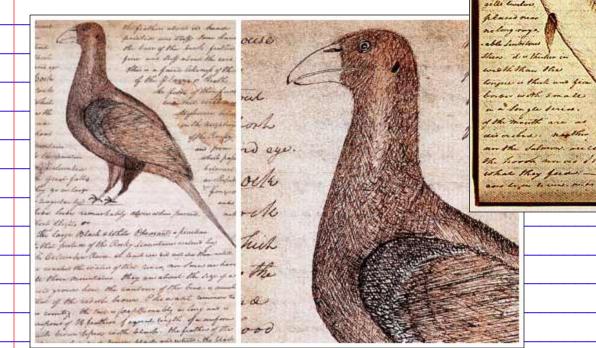
the porten of the fine may be to

in perfection to the fish the fire

Il Rece

dies

Lewis and Clark

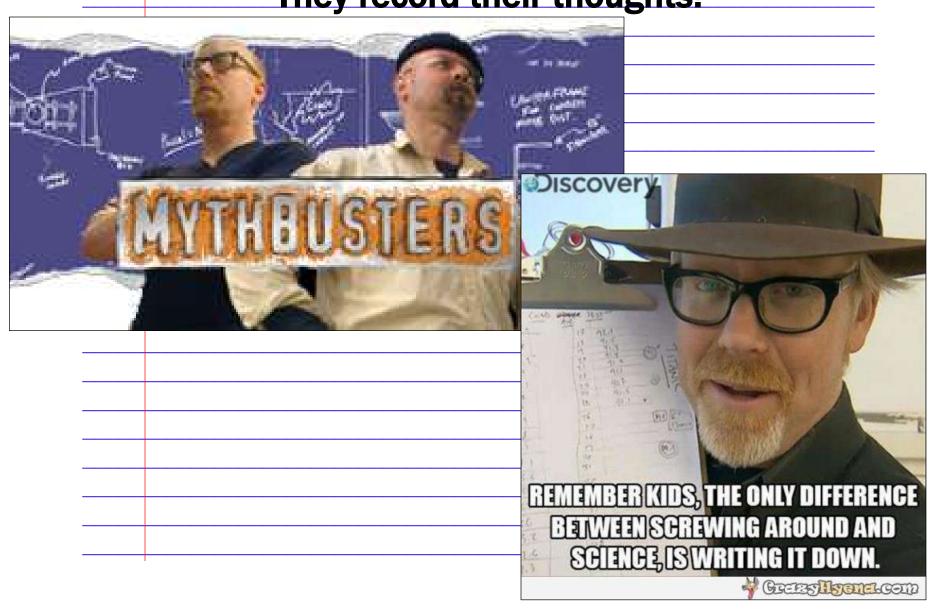








They record their thoughts!



YOU ARE A SCIENTIST!

- You will use your notebook daily.
- You will record all your thoughts, observations, and notes.
 - You will keep all papers in your notebook.
- You will be graded on the work that you make in this notebook.

HOW WILL THIS HAPPEN?!

- You will write a table of contents and add information to each page.
- When needed, you will use <u>two</u> <u>drops</u> of glue, a piece of tape, or a smudge of glue from a glue stick to place papers in your notebook.
 - You will not tear out any pages.

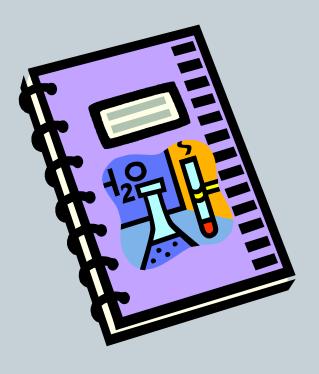


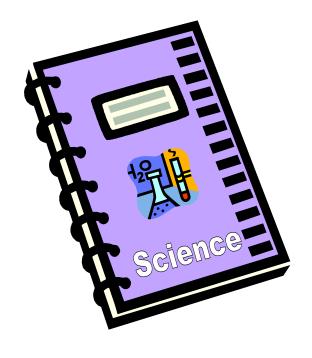
Impact of Hands-on Science & Science Notebooks on Student Achievement

Research shows that student understanding and literacy skills improve when students do hands-on minds-on science and use science notebooks to make sense of their science investigations.

Why use Interactive Science Notebooks?

- Improve organization skills
- Improve critical thinking skills
- Express understanding creatively
- Record data
- Study for tests
- Record progress
- Show it off!





Science Notebook Setup

Right side? Left side? What goes where?

Left Side = Loves student work

Student Output

Lots of Color!

The brain remembers things in color better.

- Do Now
- Concept Maps
- Drawings
- Reflective Writing
- Questions
- Data and Graphs
- Songs
- Poems
- Data from Experiments
- Cartoons or cartoon strips

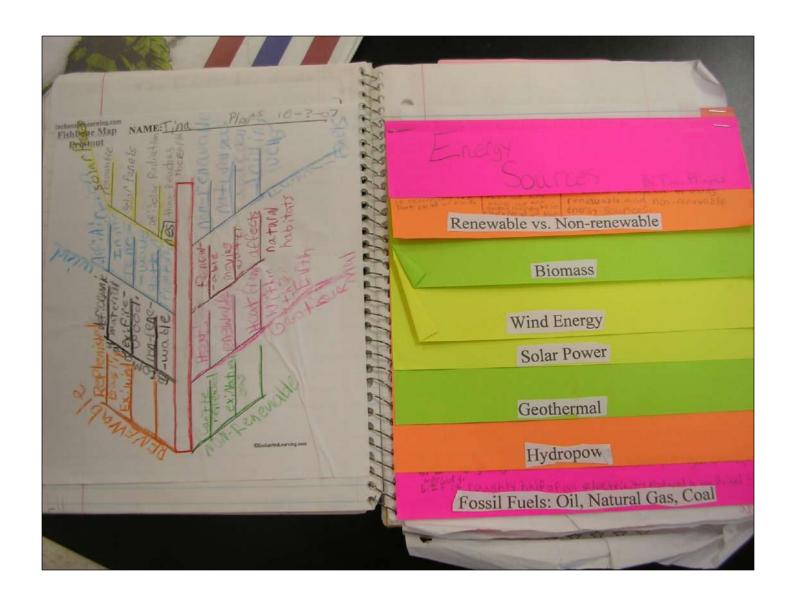
Right Side = Restricted

Teacher Input/Content

Blue or Black Ink/pencil

- Information given in class
- Lecture Notes
- Lab Activities
- Video Notes
- Summaries
- Textbook Notes
- Procedures for experiments
- Classroom Specific Information

The Dectrollage the	Electromaguetic Spectrum Video Notes.
2 SPECTTUM	Name Tino Pliegos date 1-19-0 Totass 2 3 4 5 60
a the Emilian	1. The order of the EMS from shortest to longest waves in:
THUMBS ONE HE 2nd MEST PART THE LIGHT	Some Voys
Hitra Violet rays cause surbury	d White take
that wave cor white light is visible light	E ladio waves
White light can be Split into 7 colors	2. Heat waves are also called R. R.
You can Temember the cooks by sorying Roy G. BN	This particular wave has a semi-long wavelength and can be used to cook
The video answered my thestions.	2. This particular wave has a semi-long wavelength and can be used to cook popeors. 3. The doctor uses X
The best part of the video was	The doctor uses X- CASS to look at your bones. These are the second most powerful type of radiation.
they explained the Northern Lights and	
that causes the my should make	These high energy/short wavelength waves can cause sunburn, even on cloudy days. They are UTTO VOICT
The worst part of the videg was	6. This is the part of the electromagnetic spectrum that the human eye can see.
Eliked the whole thing. I didn't	It is known as Visible Light
be all or the on T will conly	5. White light, the other name for the above type of radiation can be split in to 7
remember from this video was	5. White light, the other name for the above type of radiation can be split in to 7 colors. These colors are: Q Q Q
The funny scientist named Dr. L.	Mange Vellow
I thought he was funny	- Green Blue
A new Title for the victor	indigo Vinded
Could be ElectroMagnetic O	
Energy What is it?	
4	000

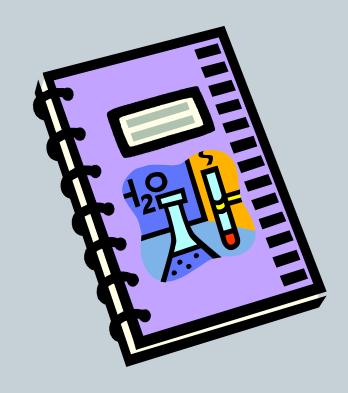


A Bit More On The Left Getting You to Think About Your Learning

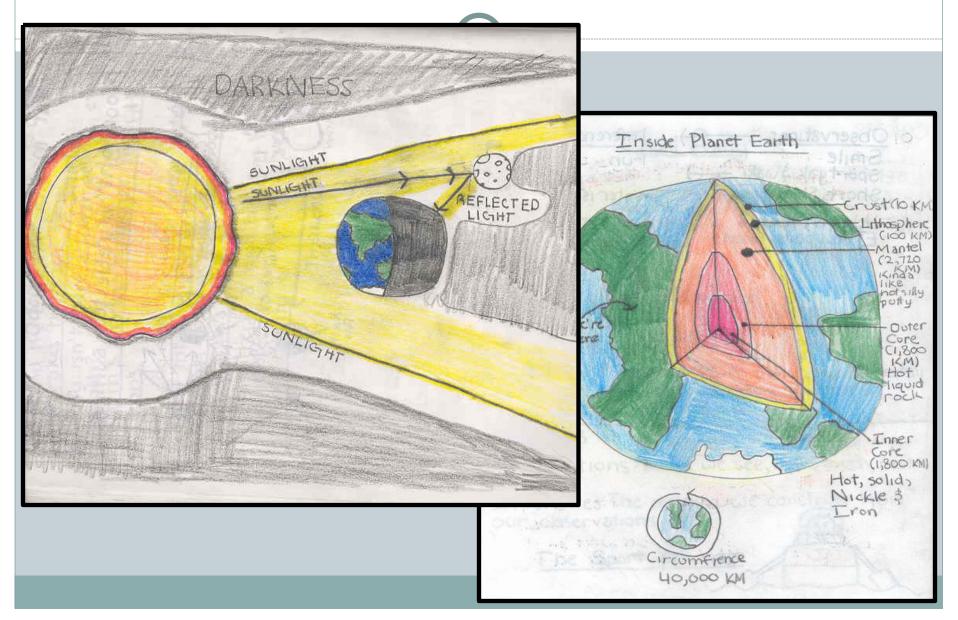
A place to reflect and think!

- •What are you curious about?
- •What would you like to test?
- •What was the main idea?
- •What are the important details to remember?
- •How does this relate to your life?
- •What don't you understand?

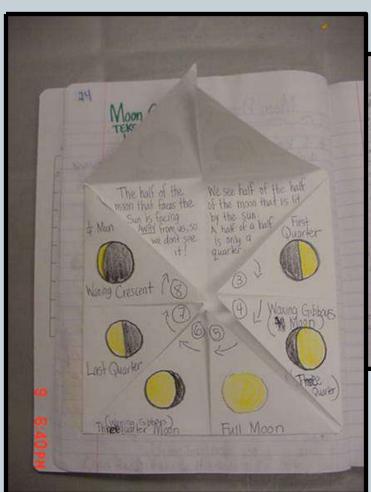
Even more coming up!

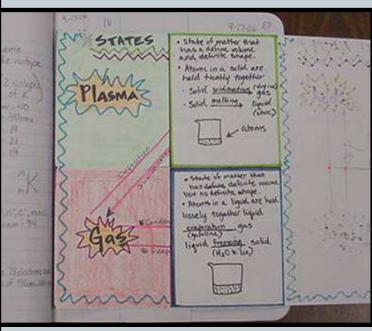


Drawings/Illustrations

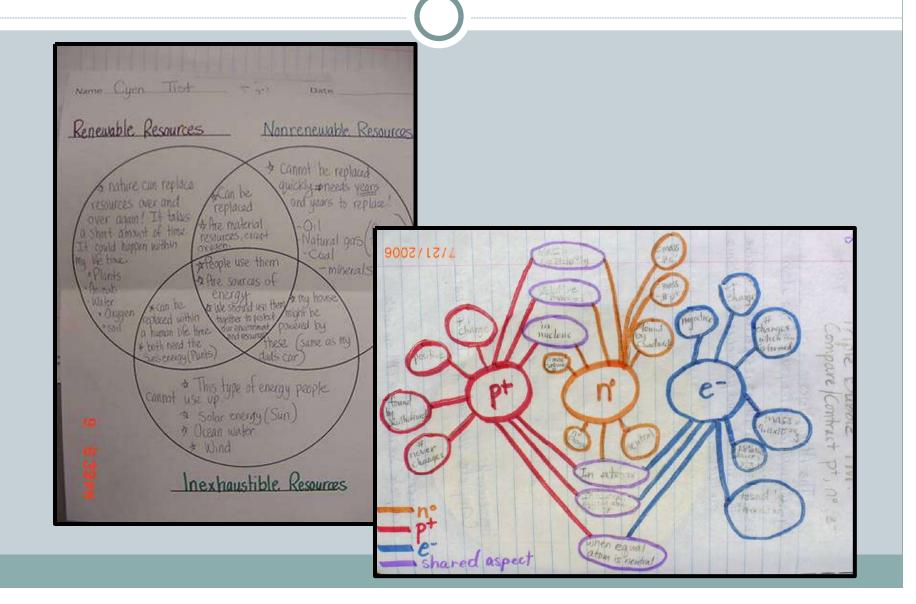


Foldables

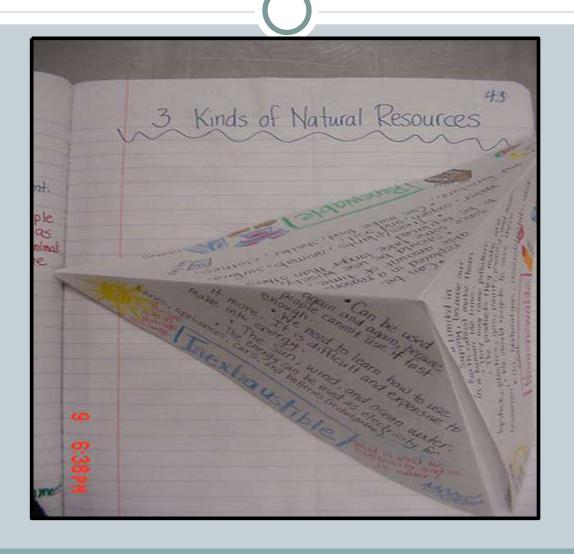




Graphic Organizers

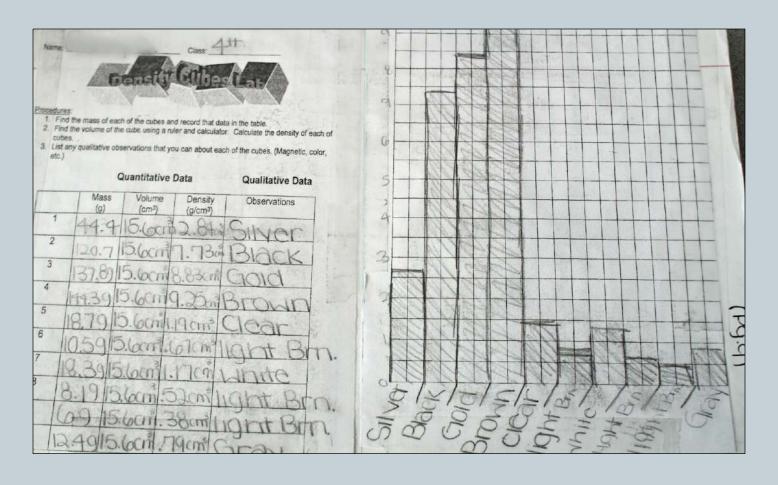


Foldables

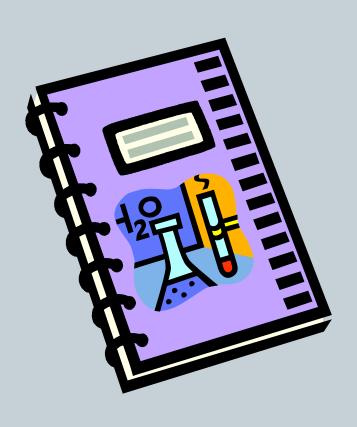


Lab Data



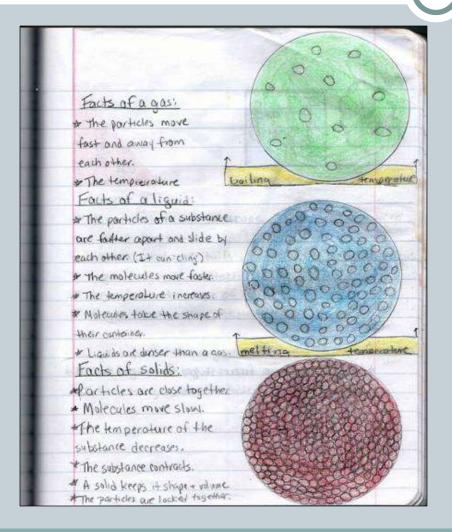


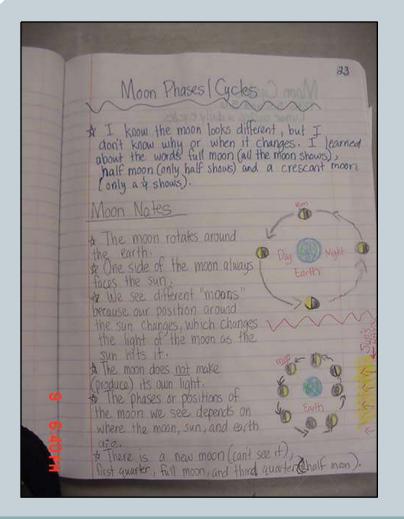
Restricted Zone: The Right Side



- Notes from:
 - Teacher guidedPowerPoint notes
 - Movie/Video
 - Article Readings
- Vocabulary words
- Lab procedures
- Study Guides

Notes





Notebook Checks

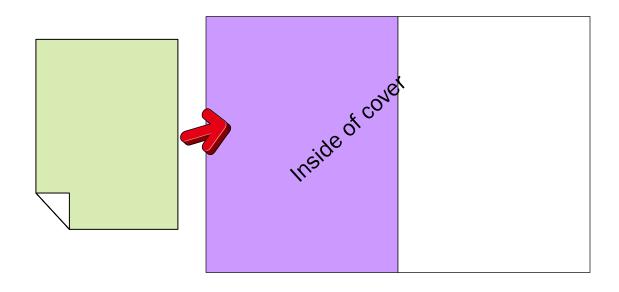
- At least once per marking period, your notebook will be collected and checked for a grade!
- What am I looking for?

Visual Appearance and Organization	Quality and Completion	Extras
 Cover reflects class content Table of contents Work is neat and organized Headings and dates on all pages Effective use of color 	 Notes and right side work are complete and high quality Left side work is complete and shows processing of right side work Evidence of following instructions Includes graphic representation of thought No missing work (even if you were absent!) 	 Obvious evidence of time invested Obvious evidence of learning Effort and quality of work are exceptional

Let's get started!

Open your notebooks to the first page!

Tape the Science Notebook Guidelines to the inside cover of your notebook.



At the top of the first 4 pages, write **Table of Contents**. Divide each page into 2 columns: Page # and Title Make sure that the Page # column is smaller than the Title column.

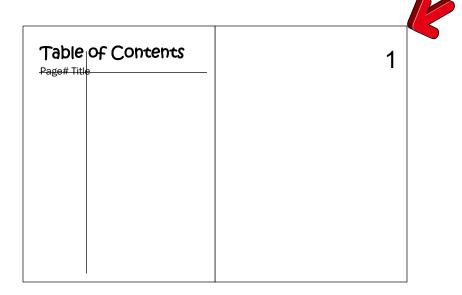
	Table of Contents
* conex	Page# Title
Inside of cover	

Table of Contents	Table of Contents	
Page# Title	Page# Title	

Table of Contents		
	Page# Title	

Numbering Pages

☐ Starting with the first page, number the first 50 pages. Numbers should be small and at the top outside corner of every page.



2	3

Extras

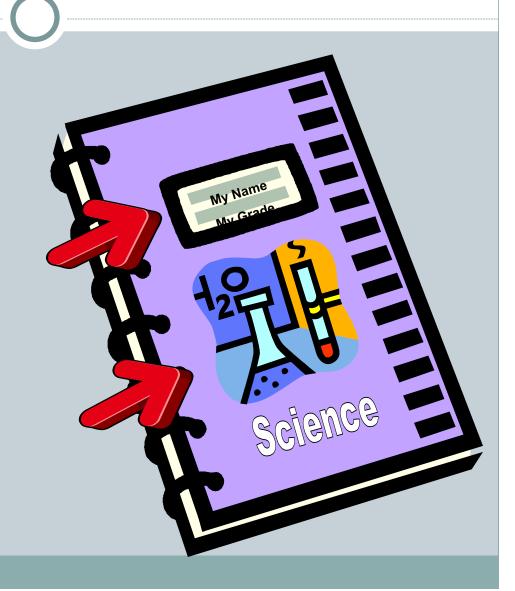
 On our first page, place the folded syllabus in like a booklet.

Create a pocket at the back of your notebook.

Getting started on your first homework assignment!

Step 1: On the front cover write the following...

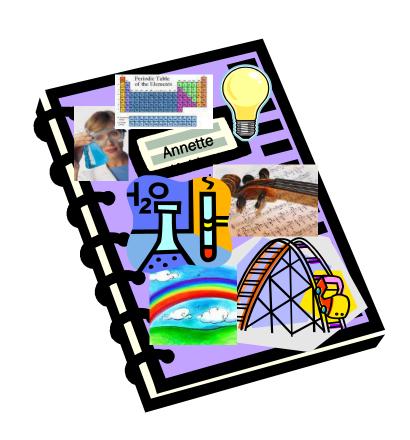
- Your name
- Your science teacher's names
- Your class period #



To complete for homework...

Step 2: Cut out pictures or make drawings to add to your notebook cover.

- •3 pictures that remind you of 8th Grade Science topics: chemistry, physics, astronomy, weather
- •3 pictures that are personal to you (favorite hobby, family photos, etc.)



We are READY!

