INTERACTIVE NOTEBOOKS

EVERY SCIENTIST, MATHEMATICIAN, JOURNALIST, AND WRITER HAS A PLACE TO RECORD THEIR NOTES, THINKING, AND FINDINGS!

LONTARRIS WILLIAMS

(E.B.R.P.S.S.)

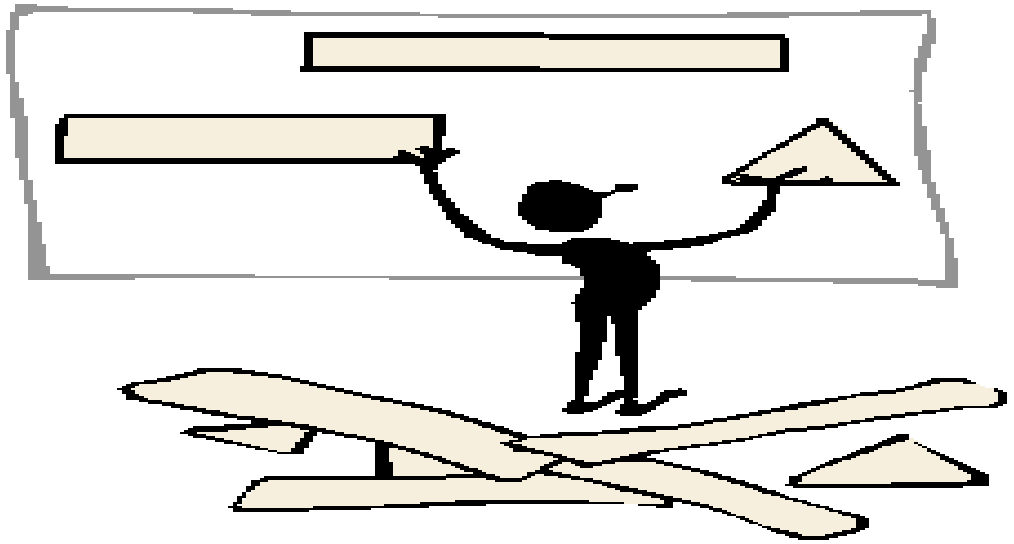
WHAT IS AN INTERACTIVE NOTEBOOK ?

- **A place to record information and increase student understanding of concepts.**
- **Demonstrates content learned and reflective knowledge by the student.**
- **Collection of student work throughout the year/Portfolio**
- **Study Tool / RTI**
- **Left Side/ Right Side Notebooks supports structured lesso**
- **Increase communication between the stakeholders.**
- **Supports ELL (Visuals, Pictures, Vocabulary)**

HOW SHOULD YOU USE THEM IN THE CLASSROOM

- Students should use their notebooks everyday.
- It should contain all your work completed in the particular content area.
- It should have an organized format and be regularly reviewed by the teacher.

LETS TALK ABOUT ORGANIZATION OF THE NOTEBOOK!

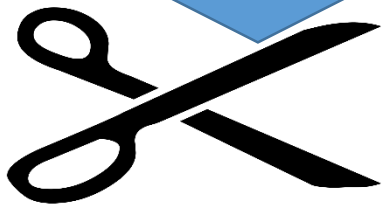


INTERACTIVE NOTEBOOK SUPPLIES

SPIRAL NOTEBOOK

GLUE/GLUE STICKS

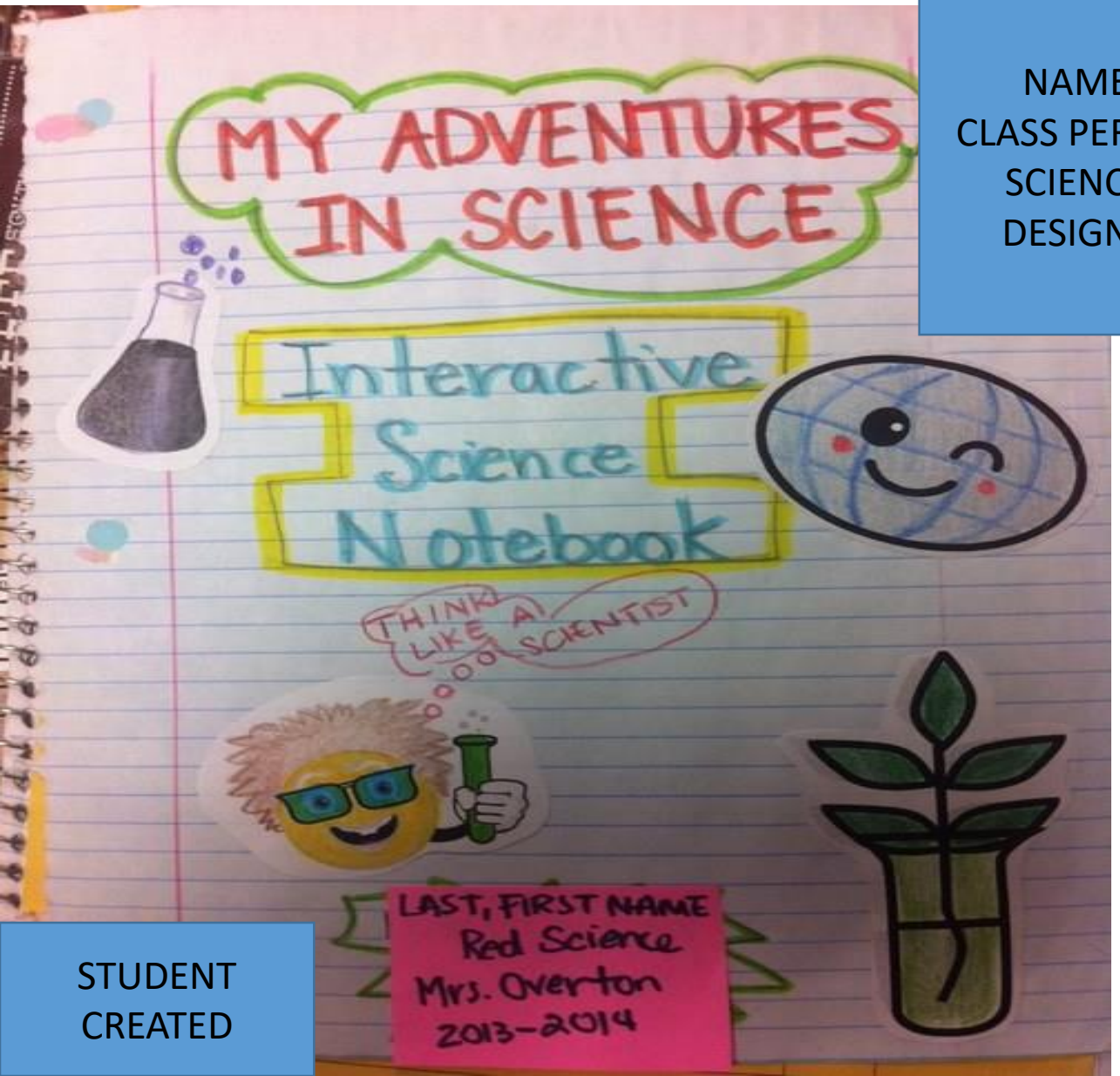
TURN TO YOUR NEIGHBOR!
WE WILL USE SCISSORS TODAY, BUT IT DOES NOT HAVE TO BE PERFECT!



SCISSORS

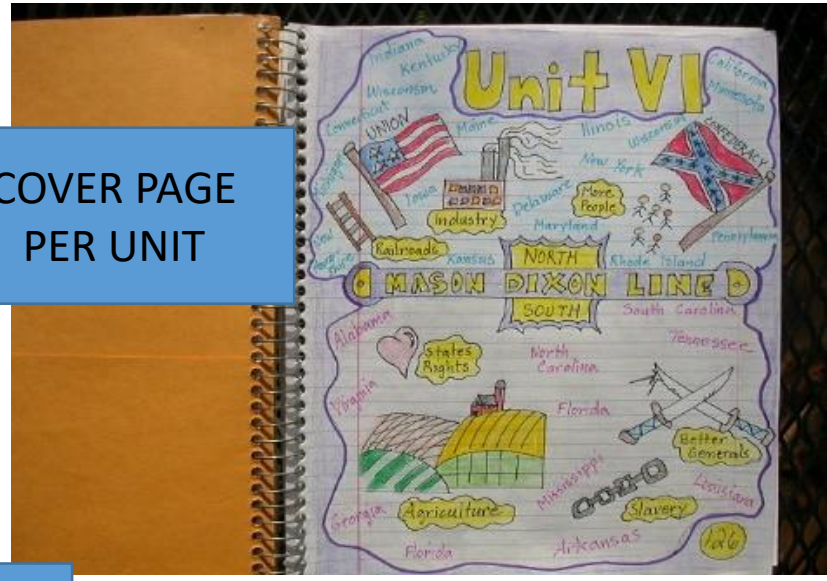
WRITING TOOLS
PENCILS
CRAYONS
COLOR PENCILS

STUDENT COVER PAGE

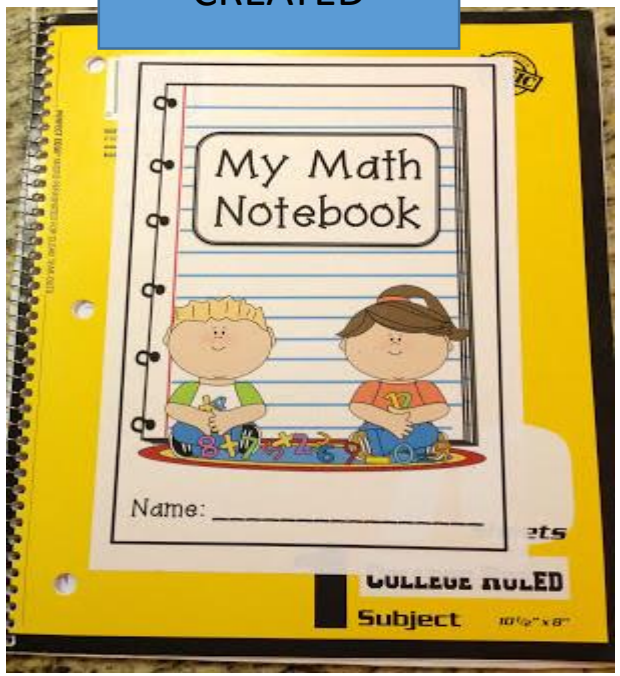


STUDENT CREATED

NAME
CLASS PERIOD
SCIENCE
DESIGNS



COVER PAGE
PER UNIT



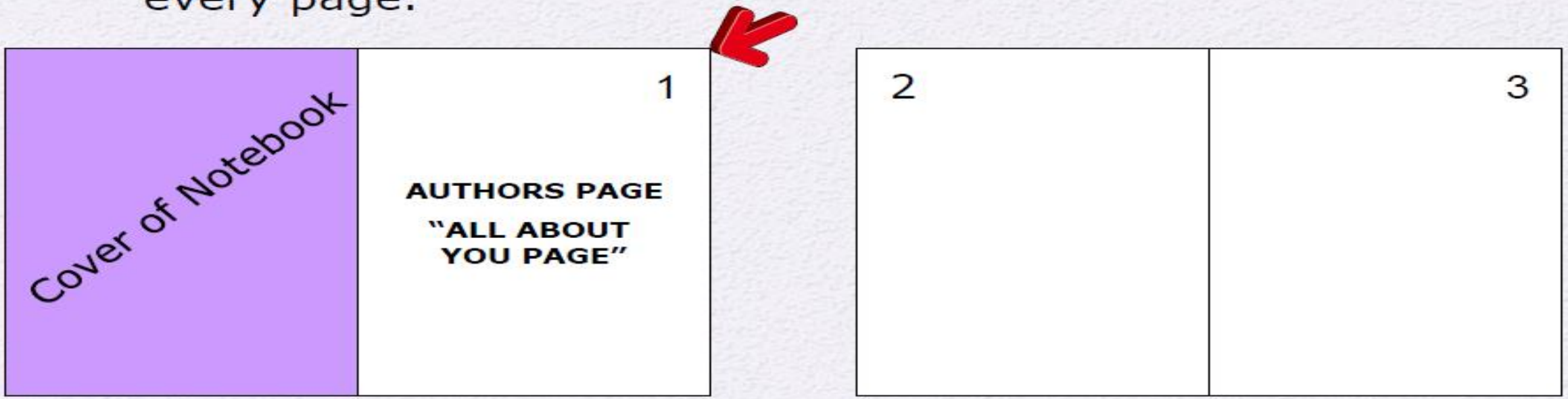
TEACHER
CREATED

STEP 1
TAKE A MOMENT TO PERSONALIZE YOUR FRONT COVER

Step 2:

Overlay-Blank.jpg

- Starting with the first page, number the first 20 pages. Numbers should be small and at the top outside corner of every page.



(Skip pages 0-4 .These will be REFERENCE PAGES)

REFERENCE PAGES INCLUDE:
RULES AND PROCEDURES
LAB SAFETY
SAMPLE LAB REPORT
GRADING PAGE

OVERAL NOTEBOOK RUBRIC (EXAMPLE)

- Correctness
  4 - Demonstrates a thorough understanding of the subject matter
  3 - Demonstrates a general awareness of concepts
  2 - Demonstrates a limited awareness of concepts
  1 - Demonstrates a minimal understanding in discussion of concepts

  Higher-Order thinking
  4 - Contains elaboration, extension, and/or evidence of higher-order thinking and relevant prior knowledge
  3 - Some evidence of elaboration, extension, higher-order thinking, and relevant prior knowledge
  2 - Limited evidence of elaboration, extension, higher-order thinking or relevant prior knowledge
  1 - Little to no evidence of elaboration, extension, higher-order thinking, or relevant prior knowledge

  Scientific vocabulary
  4 - Strong use of scientific terminology; defined terms
  3 - Acceptable vocabulary; majority of scientific terms defined
  2 - Simplistic vocabulary; few scientific words defined
  1 - Inappropriate vocabulary

  Organization
  4 - bound notebook, neat, in order, tabs visible, table of contents
  3 - four of the previous requirements
  2 - three of the previous requirements
  1 - two or less of the previous requirements

  Grammar
  4 - Strong control of English Conventions
  3 - Minor errors with English Conventions have little to no effect on communication
  2 - Errors in English Conventions are disproportionate to length and interferes with communication
  1 - Errors in English Conventions interfere with communication

  Grade
  A 20-18, B 17-15, C 14-12, D 11-9, F 8-0

GLUE YOUR RUBRIC TO THE BACK OF YOUR COVER PAGE!




Math Notebook Rubric

EXAMPLE NOT IN THE PACKET!

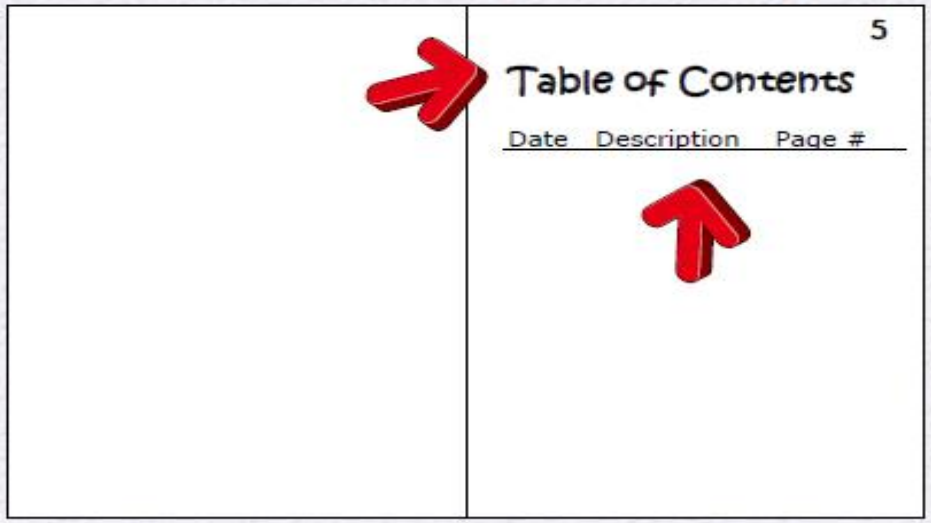
Student: _____

CATEGORY	Wow! (4)	Good. (3)	Almost. (2)	Poor. (1)	SCORE
Neatness & Organization	Handwriting is neat. Notebook is organized in an easy-to-understand format.	Handwriting is usually neat. Notebook is organized in an easy-to-understand format.	Handwriting is not very neat. Notebook organization is not easy to understand.	Handwriting is sloppy and hard to read. Notebook organization is difficult to follow.	
Content Accuracy	All information recorded is accurate.	Most information recorded is accurate.	Some information is accurate, but most is not.	Information recorded is not accurate.	
Required Elements	Table of contents is up-to-date, pages are numbered, no pages have been skipped, and titles are included.	Table of contents is up-to-date, mostly all pages are numbered and include a title, no skipped pages.	Table of contents is not up-to-date, missing some page numbers and/or titles, a few skipped pages.	Table of contents has not been updated, pages are not numbered/titled, several skipped pages.	
Illustrations & Diagrams	Illustrations and diagrams are clear, accurate and labeled.	Illustrations and diagrams are usually clear, accurate and labeled.	Some illustrations and diagrams are clear, accurate, and labeled, with some missing.	Illustrations and diagrams are sloppy/unclear or missing.	

Total: ____/16 ____%

Step 3:

At the top of pages 5,6,7 write Table of Contents. Divide each page into 3 columns, date, description, page #.



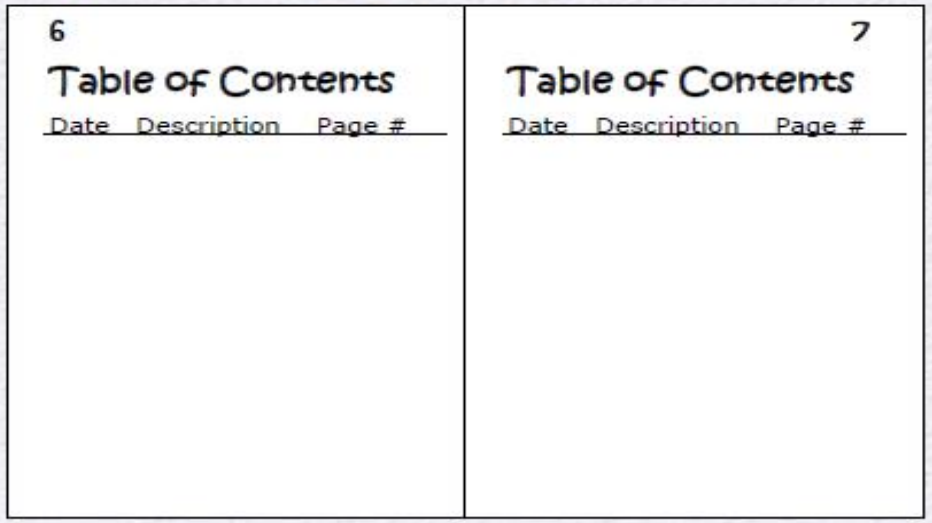
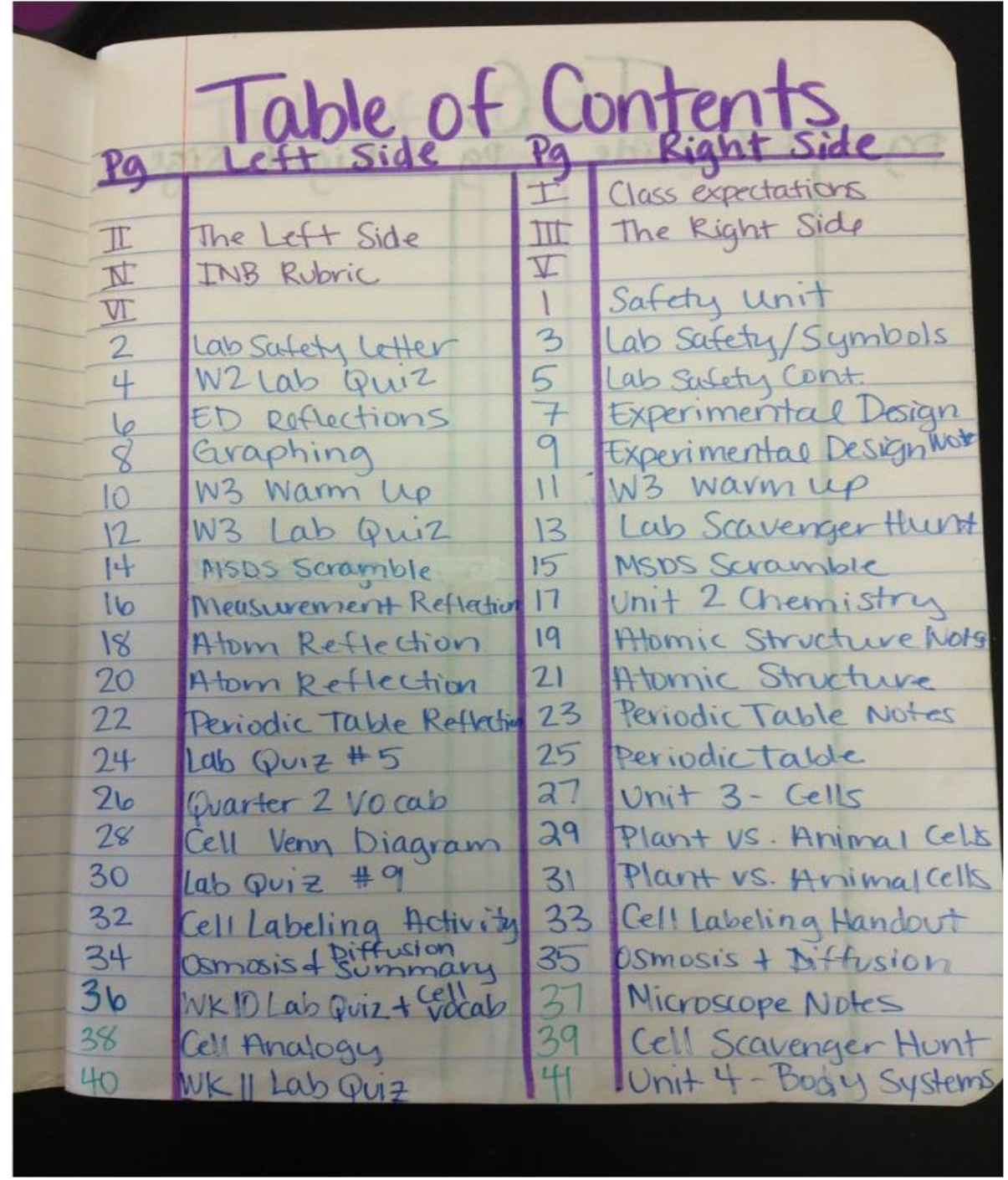


Table of Contents Example...

DATE	DESCRIPTION	PAGE #	Grade/ Stamp
			Overlay-Blank.jpg



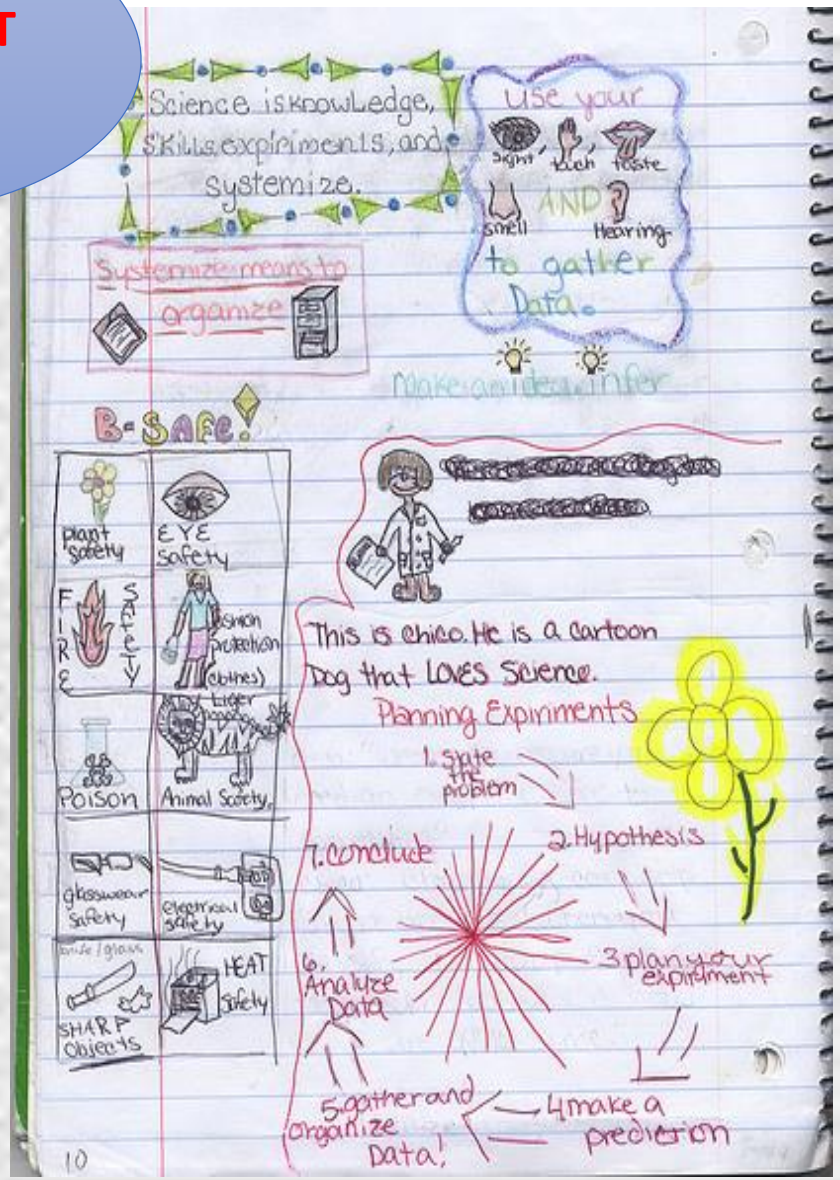
"STUDENTS SHOULD DATE AND NUMBER EACH PAGE"

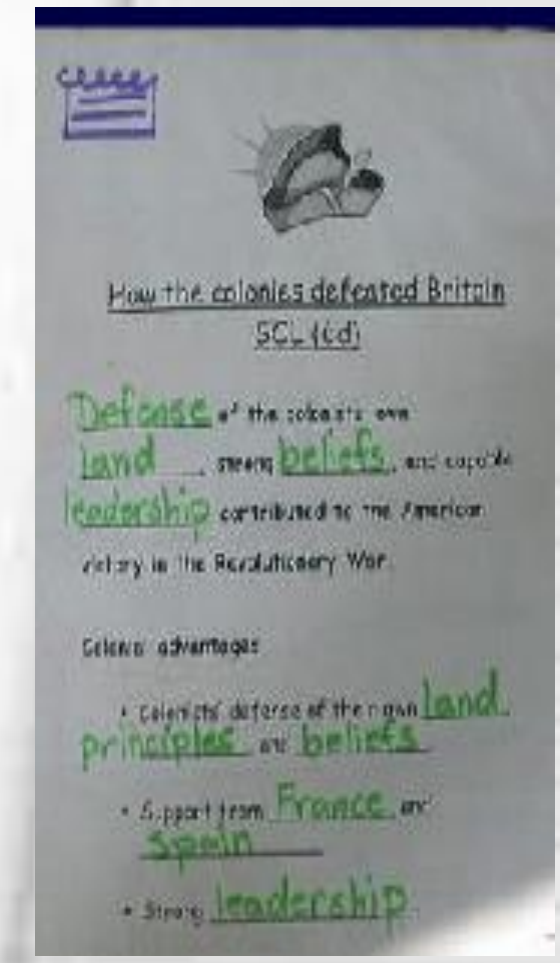
CUT & INSERT LEFT/RIGHT

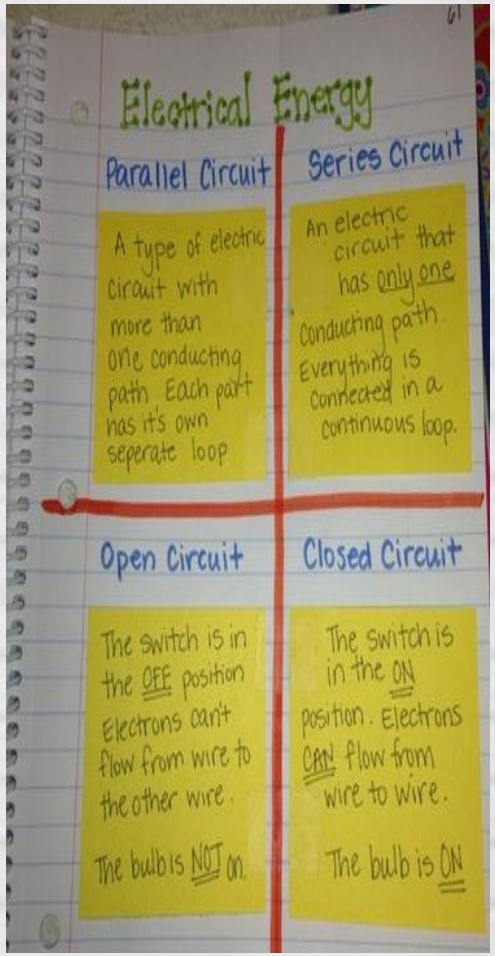
LEFT SIDE OF THE NOTEBOOK

"STUDENT OUTPUT"

- USE LOTS OF COLOR
- SHOWS STUDENT THINKING
- REFLECTIVE WRITING (EXIT)
- CONCEPT MAPS
- BEGINNING OF THE LESSON (WARM UP, DONOW, KWL)
- HOMEWORK
- LAB WRITE- UPS
- DRAWINGS/DIAGRAMS
- QUESTIONS
- DATA AND GRAPHS
- CREATIVITY (SONGS, POEMS,CARTOON)







RIGHT SIDE OF THE NOTEBOOK "TEACHER INPUT"

- TEACHER GUIDED NOTES (CORNELL NOTES)
- TESTED MATERIALS
- STUDY GUIDES
- VOCABULARY
- VIDEO NOTES
- TEXTBOOK NOTES
- LAB ACTIVITIES

ADDITIONAL EXAMPLES

8

Left page

Personal side
You interact with the information in your unqiue and creative way.

1 IN activity

Purpose: focus on today's activity

Examples: pre-test, quick-write, demonstration, T-chart

3 OUT activity

Purpose: reflect or apply today's activity

Examples: content or lab questions, quick-write, 3-2-1 summary, diagram, graph

9

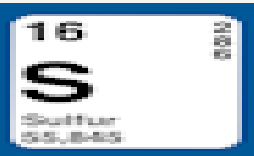
Right page

Information side
You write or glue in information from class (today's lesson).

2 THROUGH activity

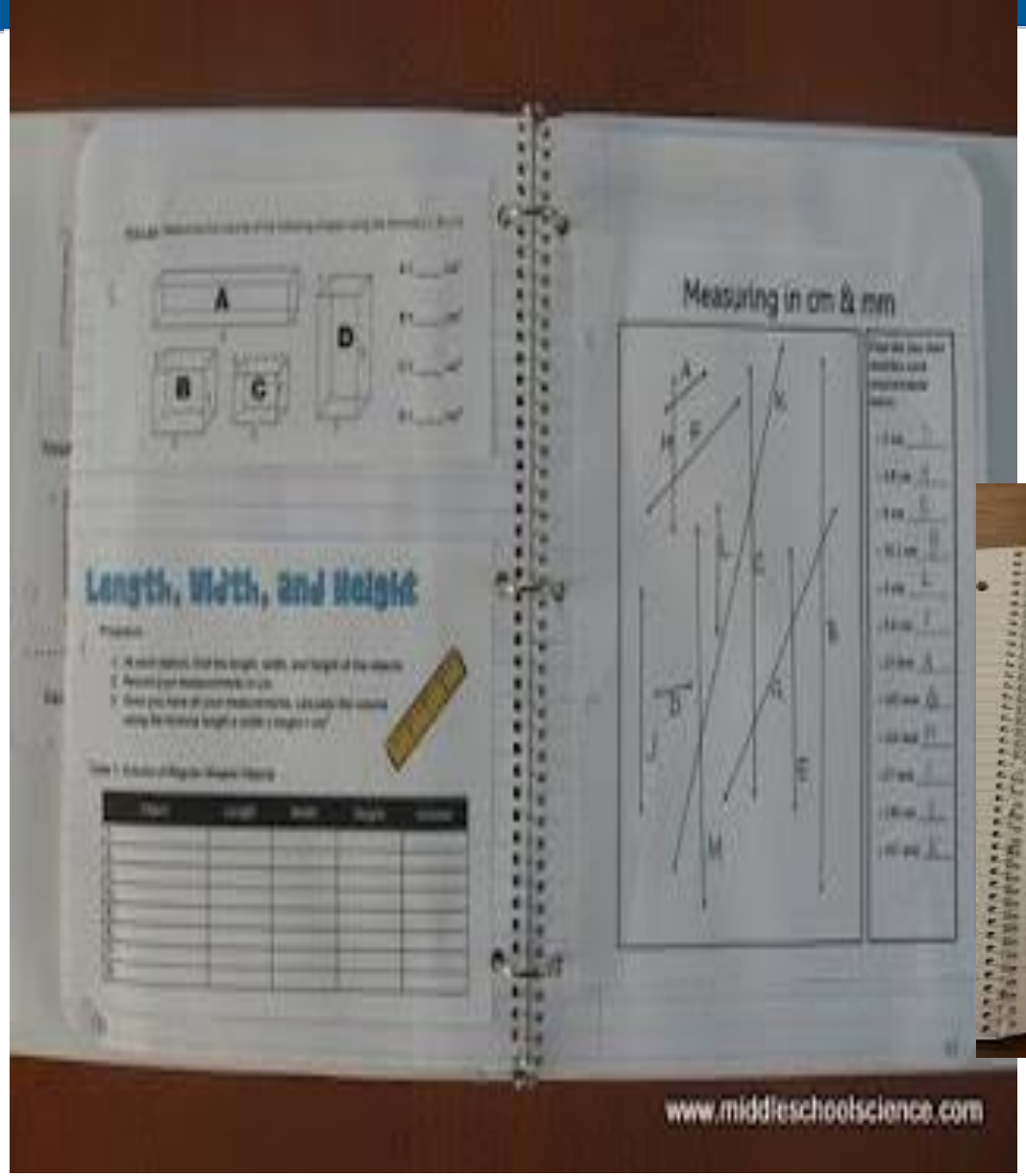
Purpose: information from today's activity (learning)

Examples: textbook or lecture notes, vocabulary, lab procedure & data, worksheet, concept map

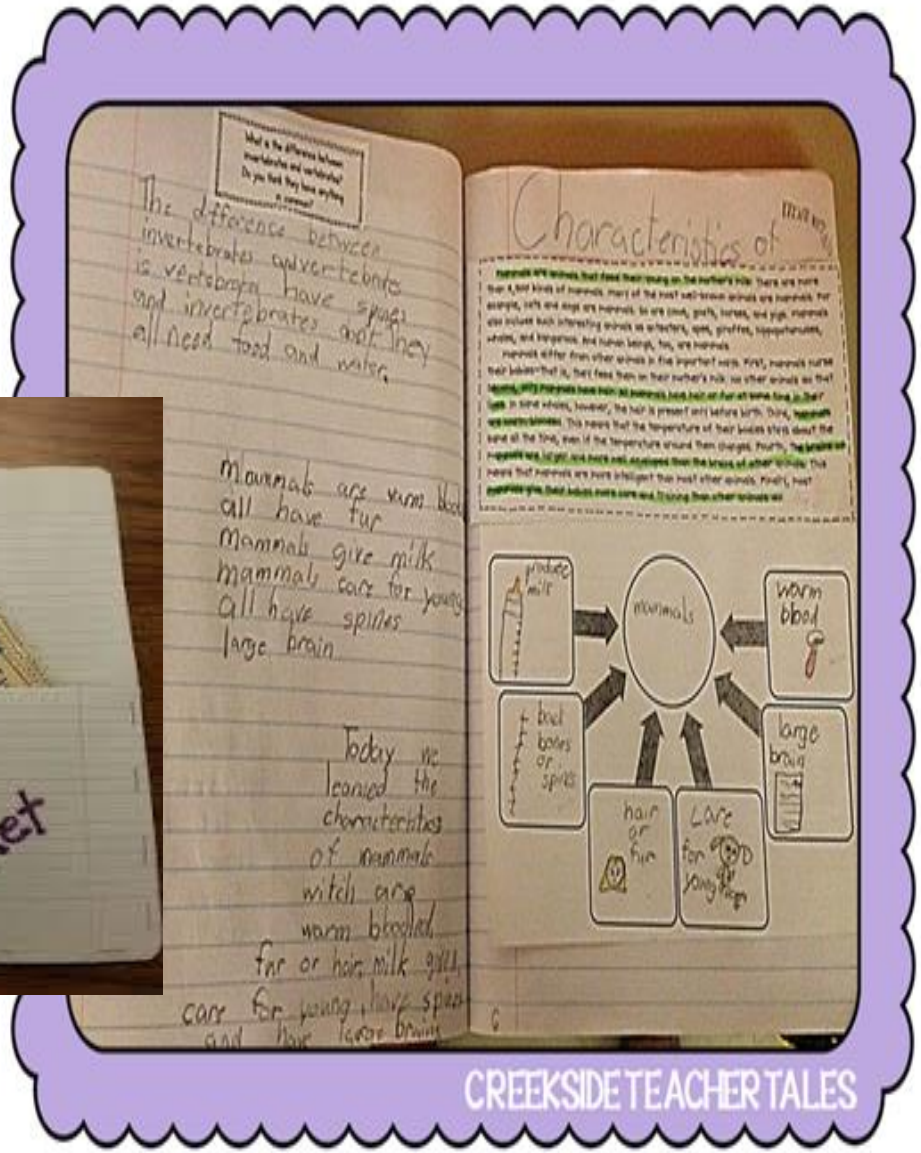



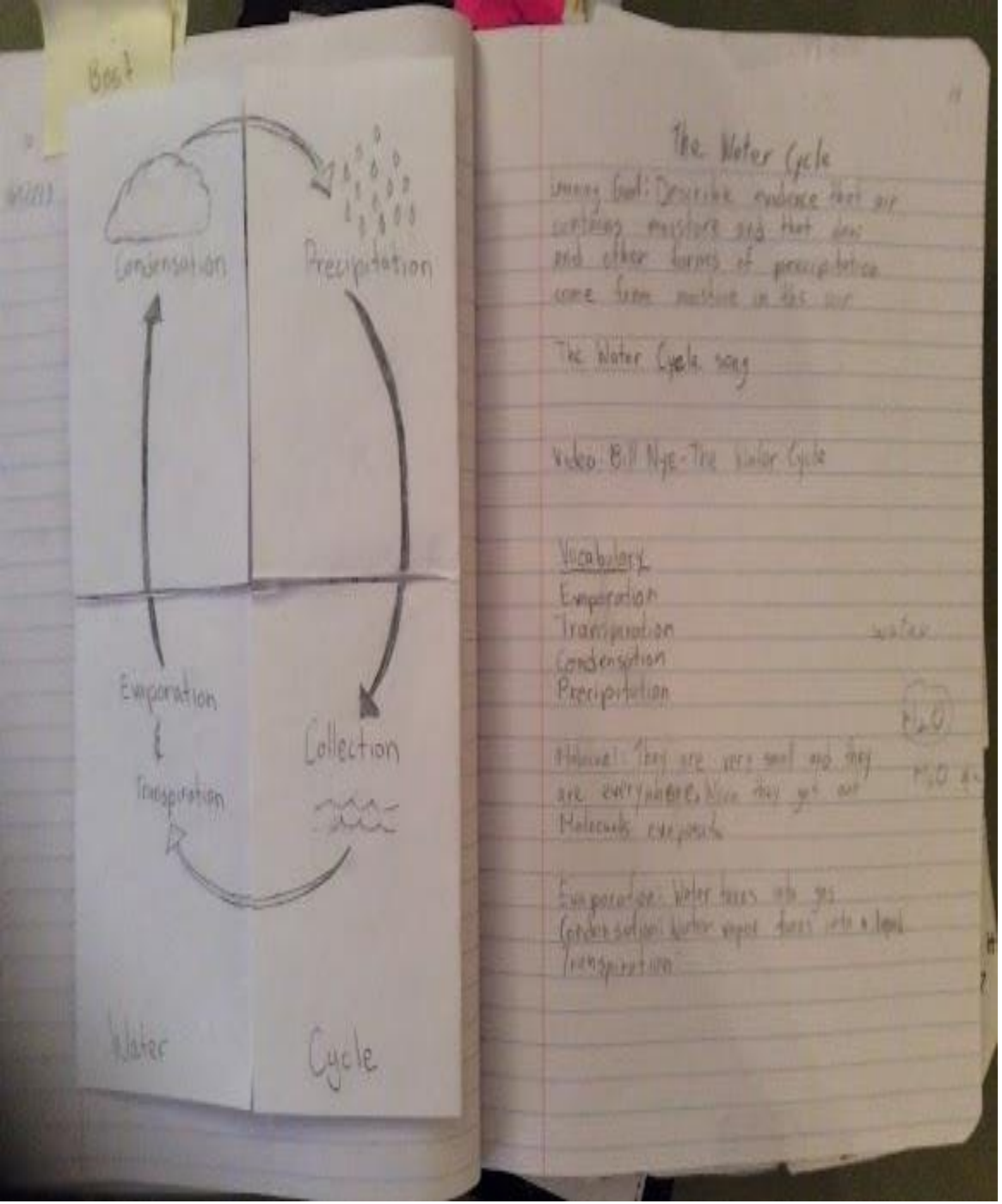


WHAT DOES IT LOOK LIKE IN THE CLASSROOM?


Measuring in cm & mm
Length, Width, and Height
www.middleschoolscience.com


Make a Pocket


The difference between invertebrates and vertebrates is vertebrates have spines and invertebrates don't. They all need food and water.
Characteristics of
Mammals are warm blooded
all have fur
Mammals give milk
Mammals care for young
All have spines
large brain
Today we learned the characteristics of mammals which are warm blooded fur or hair milk spines care for young have spines and have large brains
produce milk
mammals
warm blood
hair or fur
care for young
large brain
CREEKSIDE TEACHER TALES



The Water Cycle

Learning Goal: Describe evidence that air contains moisture and that dew and other forms of precipitation come from moisture in the air

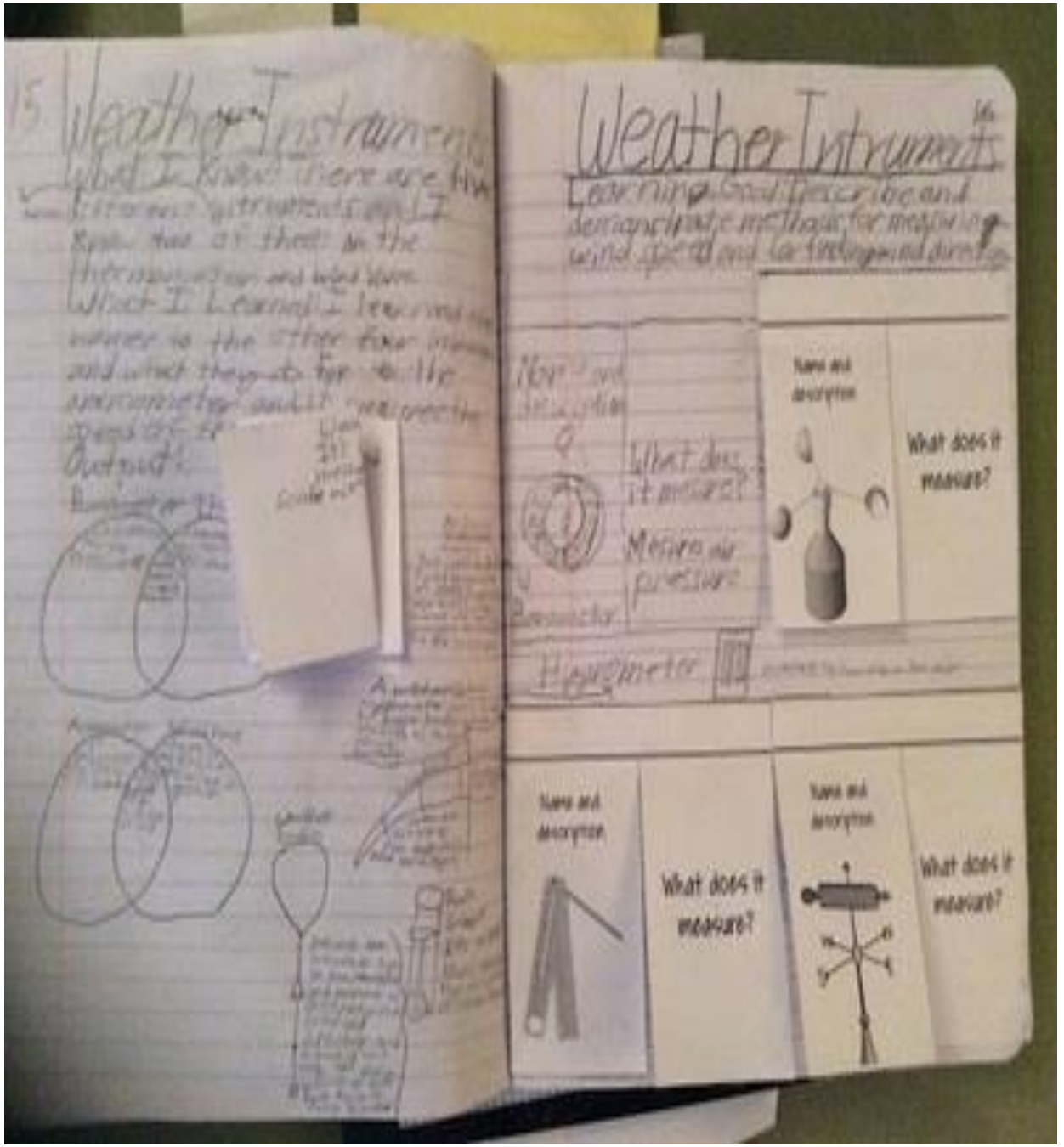
The Water Cycle song

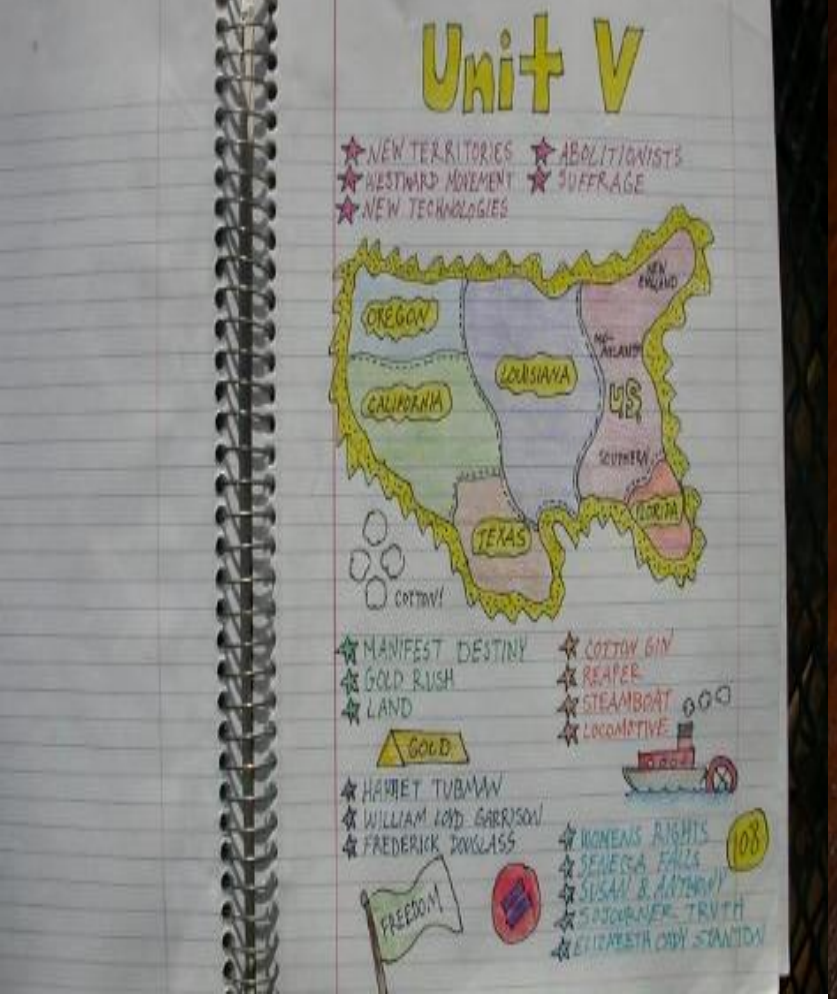
Video: Bill Nye- The Water Cycle

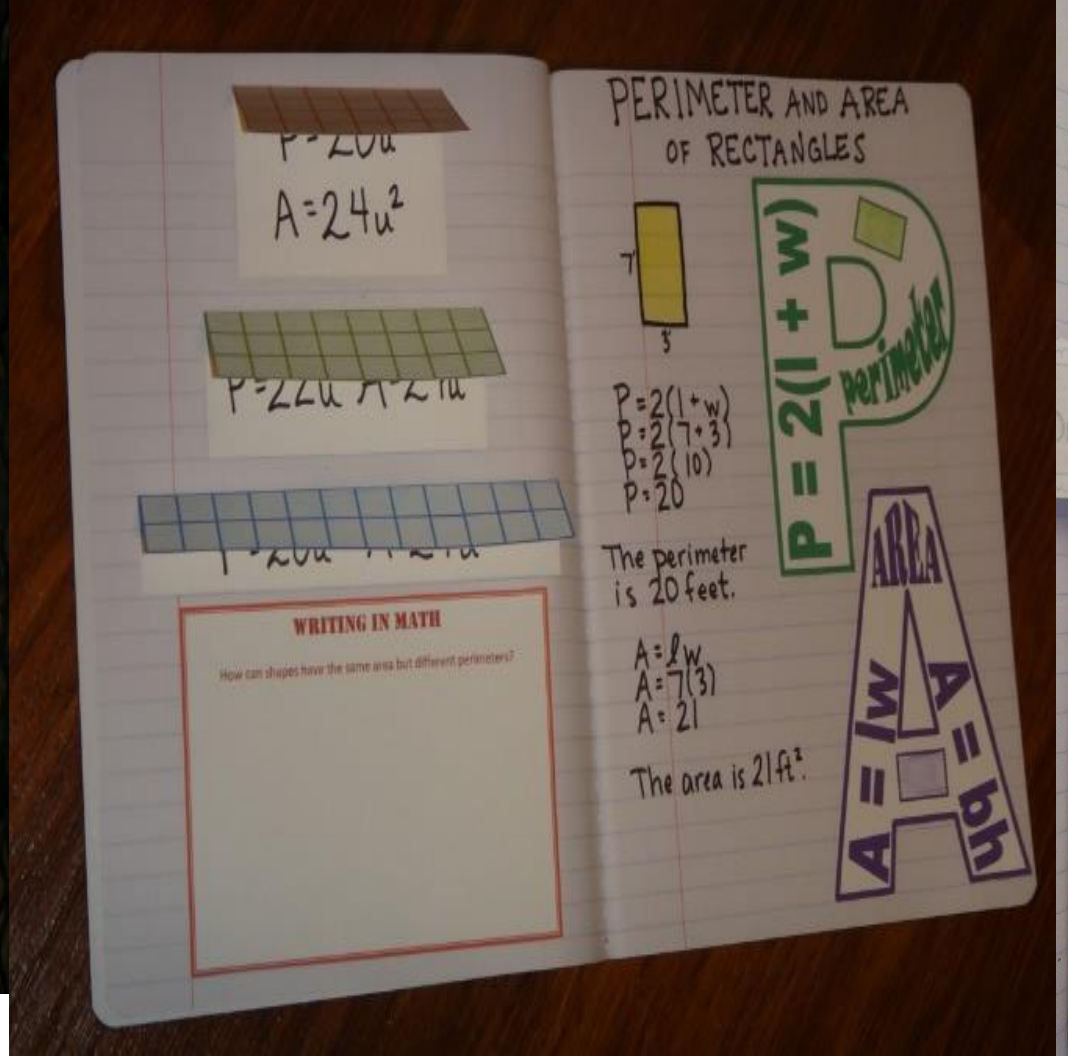
Vocabulary
Evaporation
Transpiration
Condensation
Precipitation

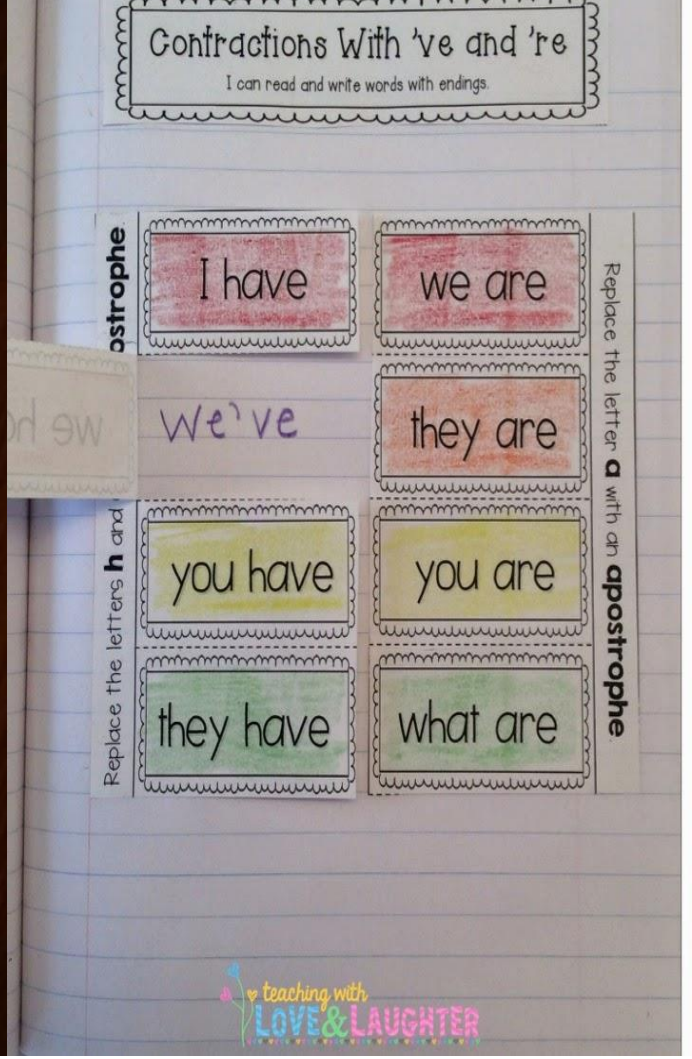
Water: They are very small and they are everywhere. Also they are all Molecules everywhere

Evaporation: Water turns into gas
Condensation: Water vapor turns into a liquid
Transpiration









INTERACTIVE NOTEBOOKS ACROSS THE CURRICULUM

LETS PRACTICE!!

PAGE 10
LEFT HAND CORNER
WHAT SAFETY PROCEDURES SHOULD YOU FOLLOW IN A SCIENCE LAB?
(We will refer to the packet to add examples in all Content Areas!)




HOW HAVE YOU USED INTERACTIVE NOTEBOOKS IN YOUR CLASSROOM?

OR

HOW DO YOU PLAN TO USE THEM?

Going Digital With Interactive Notebooks!

- Create a Table of Content document in Google Doc for students.
- Each time, have students add a date and description.
- Have students obtain a link/sharable link to highlight and attach the link to the description

EXAMPLE

DATE	DESCRIPTION	GRADE
8/10/2017	Self Introductory Speech	95% A
8/16/2017	School Newsletter	79% C

INTERNET SITES TO HELP YOU WITH MY NOTEBOOK

(UPPER ELEMENTARY)

Cornell Notes/ Labs/Science Worksheets and Videos

http://intgsd.sharpschool.net/teachers___staff/science_department/mr__castroll/science_notebook/

(MIDDLE SCHOOL)

CPO SCIENCE (FREE, Charts, Slides, Sample Lessons & Videos)

http://www.cposcience.com/home/ForEducators/MiddleSchoolPhysicalScience/tabid/268/default.aspx?MediaFileId=2999

ELL

file:///C:/Users/Leah%20Station/AppData/Local/Microsoft/Windows/INetCache/IE/M5IT0B63/Interactive%20Notebook%20to%20Support%20ELLs.pdf

(TEACHERSPAYTEACHERS)

CONTENT/ UNITS

Lontarris Williams

lwilliams3@ebrschools.org

DOOR PRIZE #'S 7,10, 33,40