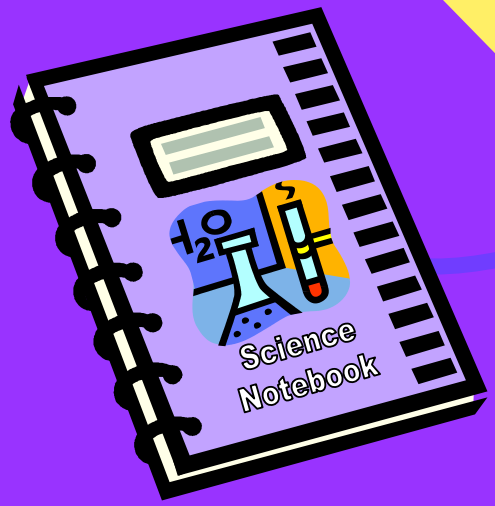
Interactive Notebooks Professional Development



By Jaime Deming

Have you ever heard your students say…

I can't find my . . .
notes, homework, old quizzes . . .

I can't remember what we did in class yesterday.

I'm sure it's somewhere in…
my desk
my cubby
my book bag
my room

What do I use to study for the quiz or test?

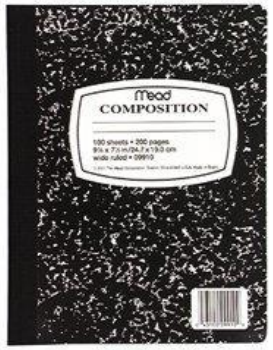
I don't know how to do my homework!

I was absent yesterday, did I miss anything?

What is an interactive notebook?

- Personalized Text Book
- Easy Differentiation
- Student CHOICE!
- Fun!
- Independent Thinking
- Working Portfolio of the Entire Year
- Study Tool
- Great Resource for End of the Year Review
- Organizational Device
- Allows for the 4 C's: Creativity, Critical Thinking, Collaboration, Communication!

Interactive Notebook Supplies



MEAD Notebook
NOT SPIRAL!!!

Science (1)

Social Studies (1)

Math (2)

scissors

8x11" paper
white and
colored

pencils

Markers: Optional and
only allowed for
outlining

glue sticks
(about 2 PER MONTH)

colored pencils

1-2 packs

I include all materials on the supply list at beginning of the year!

How is it organized?

- **The Right Side** is teacher directed and is restricted for the teacher only. This side is where the content goes that the students must learn based on the common core standards. It's up to you how you would like to display this content.
- **The Left Side** is the student product. Students complete this after the lesson is taught. It is the "independent practice" part of the lesson. This is how they show they have learned the content from the right side. The left side allows for creativity, choice, and differentiation!

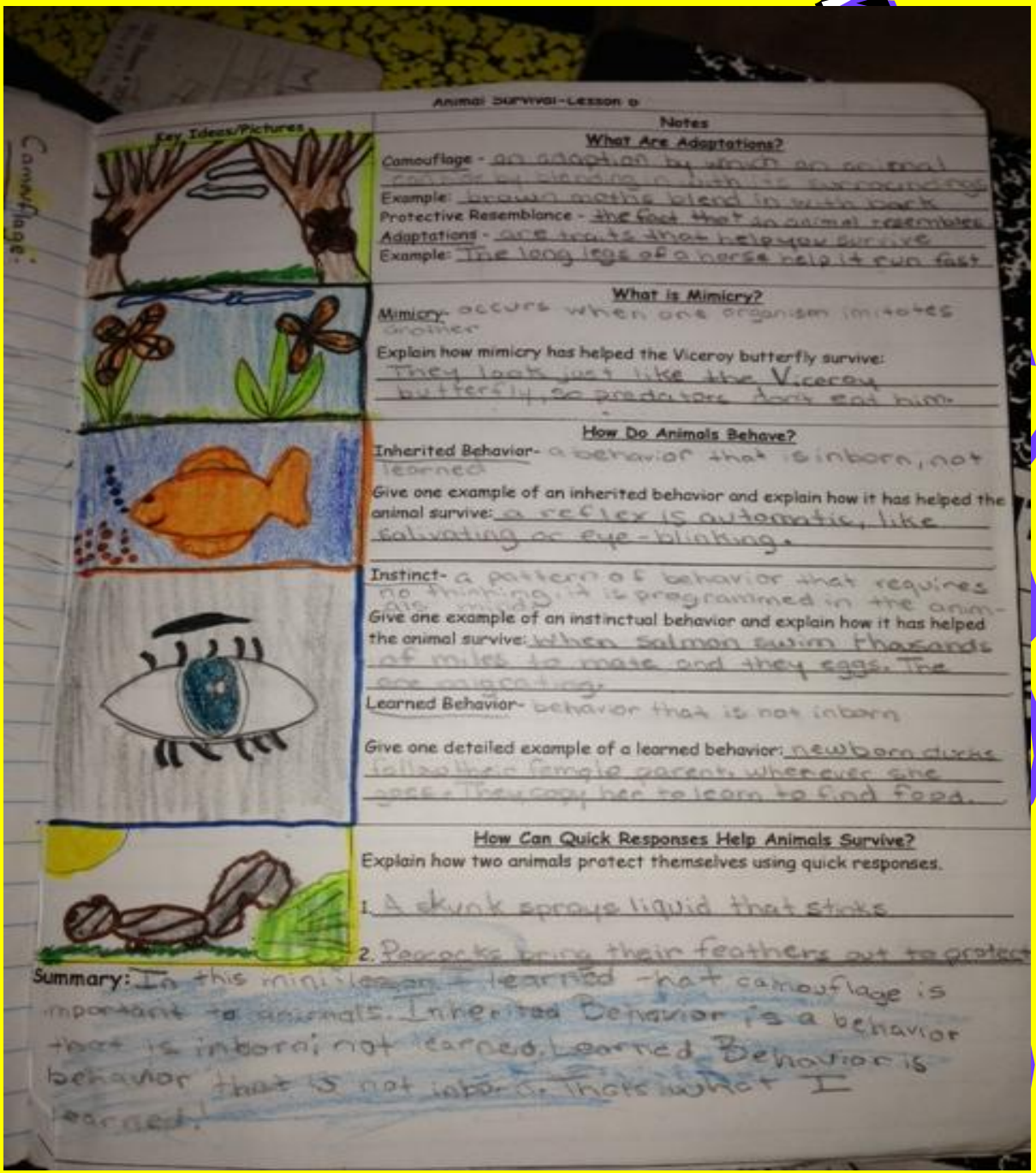
•**Table of Contents:** Students keep their notebooks organized by using a table of contents in their notebook. When we begin the notebook I have students skip the first 4 pages for a table of contents.

Examples of Right Side

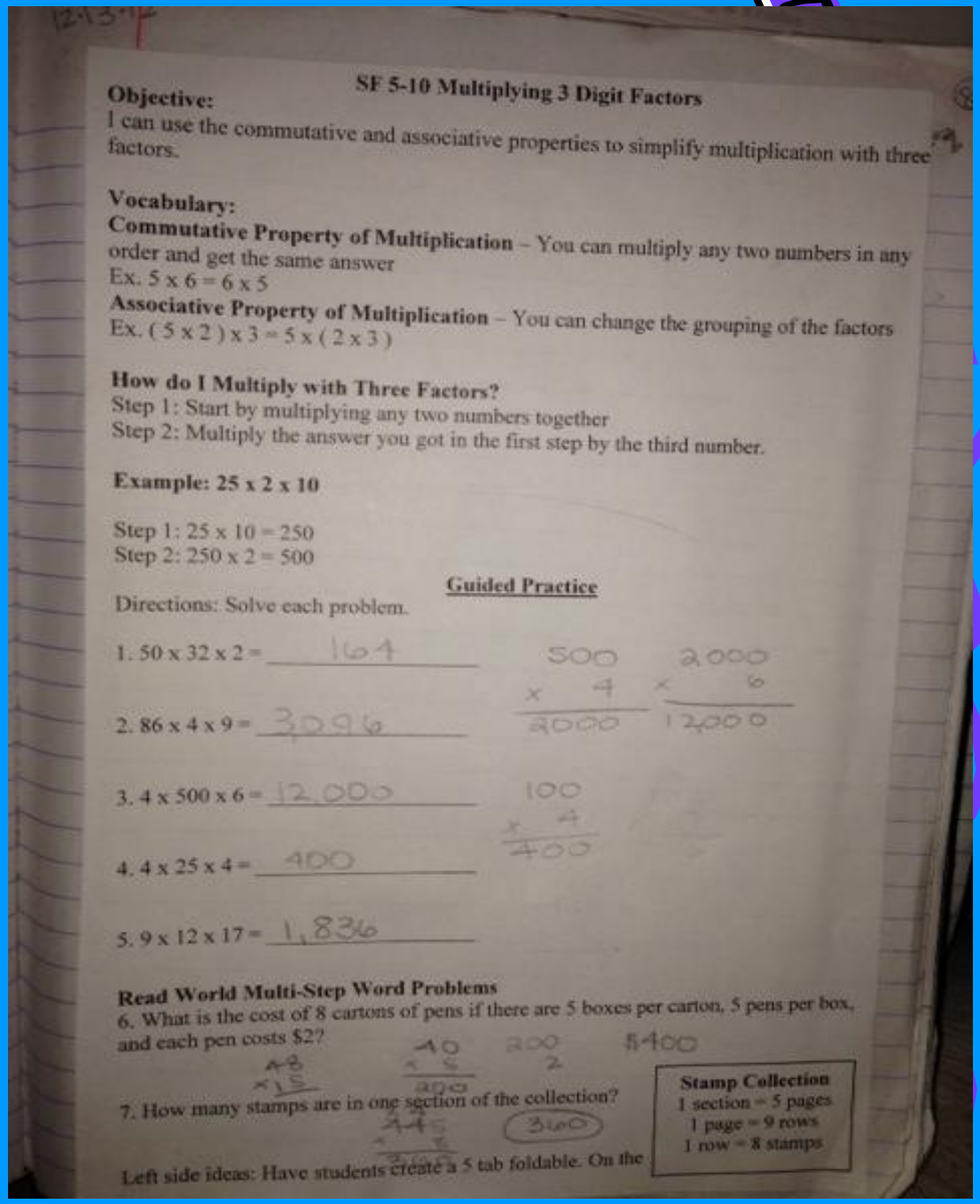
- The right side is the content. It is your teaching and what you want the students to know. It should be some form of content/notes that the students can reference back to (teacher created, guided, cloze procedure, student written) based on one of the following:
  - Video
  - Article
  - Lecture
  - Smart Board Lesson
  - Power Point Presentation
  - Guest Speaker
  - Text Book
  - Chapter Book
  - Internet
  - Field Trip

Example of Right Side:

Cornell Notes (SS/Science)



Example of Right Side: Math



SF 5-10 Multiplying 3 Digit Factors

Objective:
I can use the commutative and associative properties to simplify multiplication with three factors.

Vocabulary:
Commutative Property of Multiplication – You can multiply any two numbers in any order and get the same answer
Ex. 5 x 6 = 6 x 5
Associative Property of Multiplication – You can change the grouping of the factors
Ex. (5 x 2) x 3 = 5 x (2 x 3)

How do I Multiply with Three Factors?
Step 1: Start by multiplying any two numbers together
Step 2: Multiply the answer you got in the first step by the third number.

Example: 25 x 2 x 10

Step 1: 25 x 10 = 250
Step 2: 250 x 2 = 500

Guided Practice

Directions: Solve each problem.

1. 50 x 32 x 2 = 164
2. 86 x 4 x 9 = 3096
3. 4 x 500 x 6 = 12,000
4. 4 x 25 x 4 = 400
5. 9 x 12 x 17 = 1,836

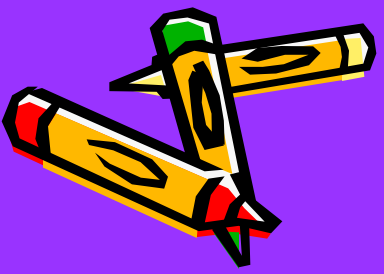
Read World Multi-Step Word Problems
6. What is the cost of 8 cartons of pens if there are 5 boxes per carton, 5 pens per box, and each pen costs $2?
7. How many stamps are in one section of the collection?

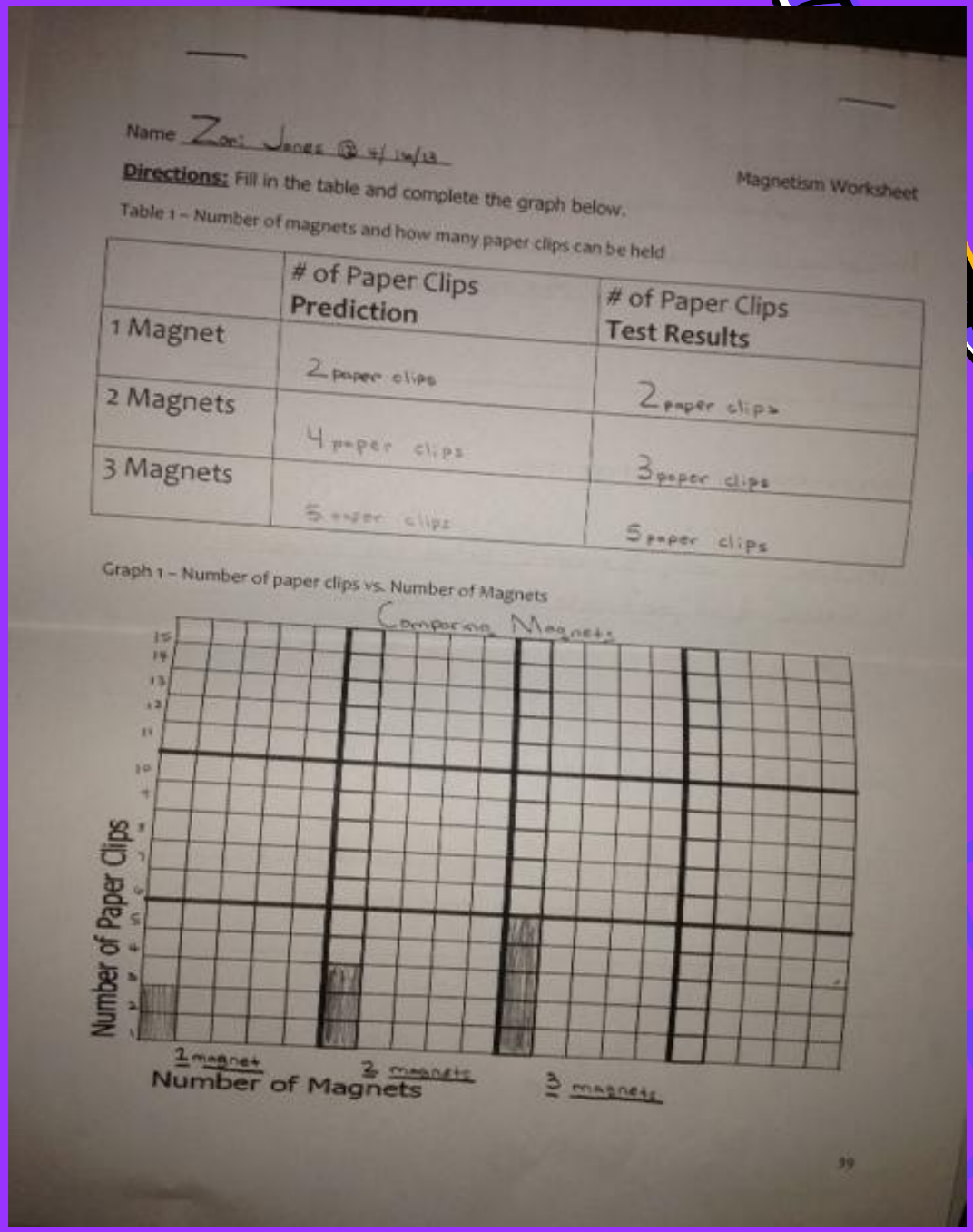
Stamp Collection
1 section = 5 pages
1 page = 9 rows
1 row = 8 stamps

Left side ideas: Have students create a 5 tab foldable. On the

Example of Right Side: Science

Inquiry Based Learning





Name Zori Jones @ 4/ 14/13

Magnetism Worksheet

Directions: Fill in the table and complete the graph below.

Table 1 – Number of magnets and how many paper clips can be held

	# of Paper Clips **Prediction**	# of Paper Clips **Test Results**
1 Magnet	2 paper clips	2 paper clips
2 Magnets	4 paper clips	3 paper clips
3 Magnets	5 paper clips	5 paper clips

Graph 1 – Number of paper clips vs. Number of Magnets

Comparing Magnets

Number of Paper Clips

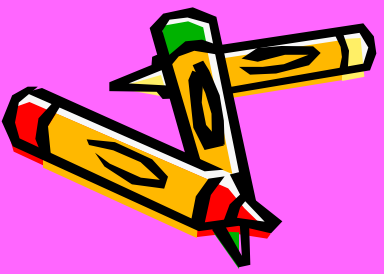
1 magnet 2 magnets 3 magnets

Number of Magnets

39

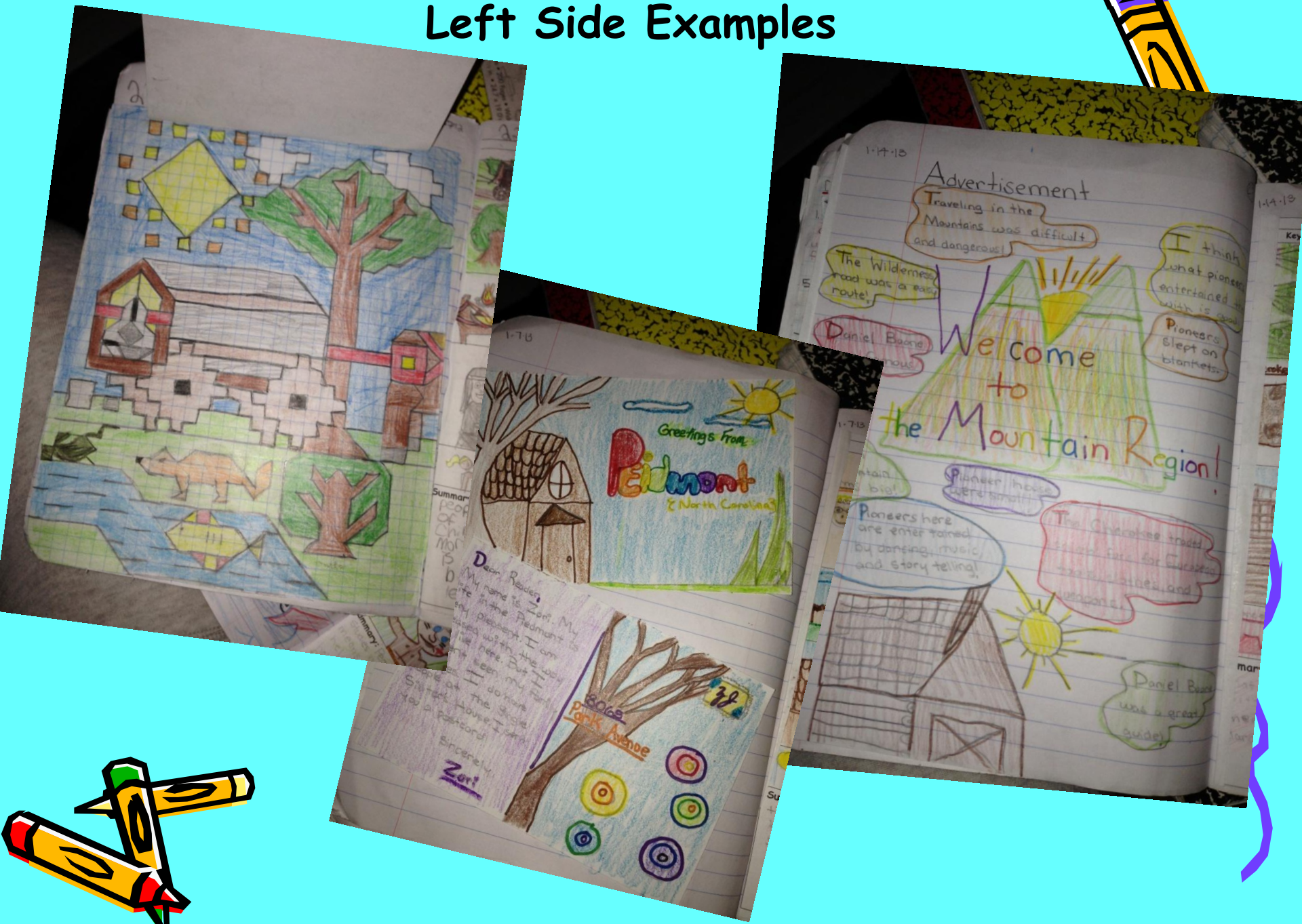
Examples of Left Side "Product" Assignments

- Graphic Organizers
- Draw/Analyze Pictures
- Poems
- Foldables
- Brochures
- Comics
- Experiments
- Song Rewrite
- Sensory Figures
- Advertisements
- Short Cut Comic
- Be the Teacher: Create a Quiz
- Technology
- Text Message Summary
- Wanted Hero Poster
- Timeline
- Magazine Cover
- Newspaper Article
- On Your Own Research

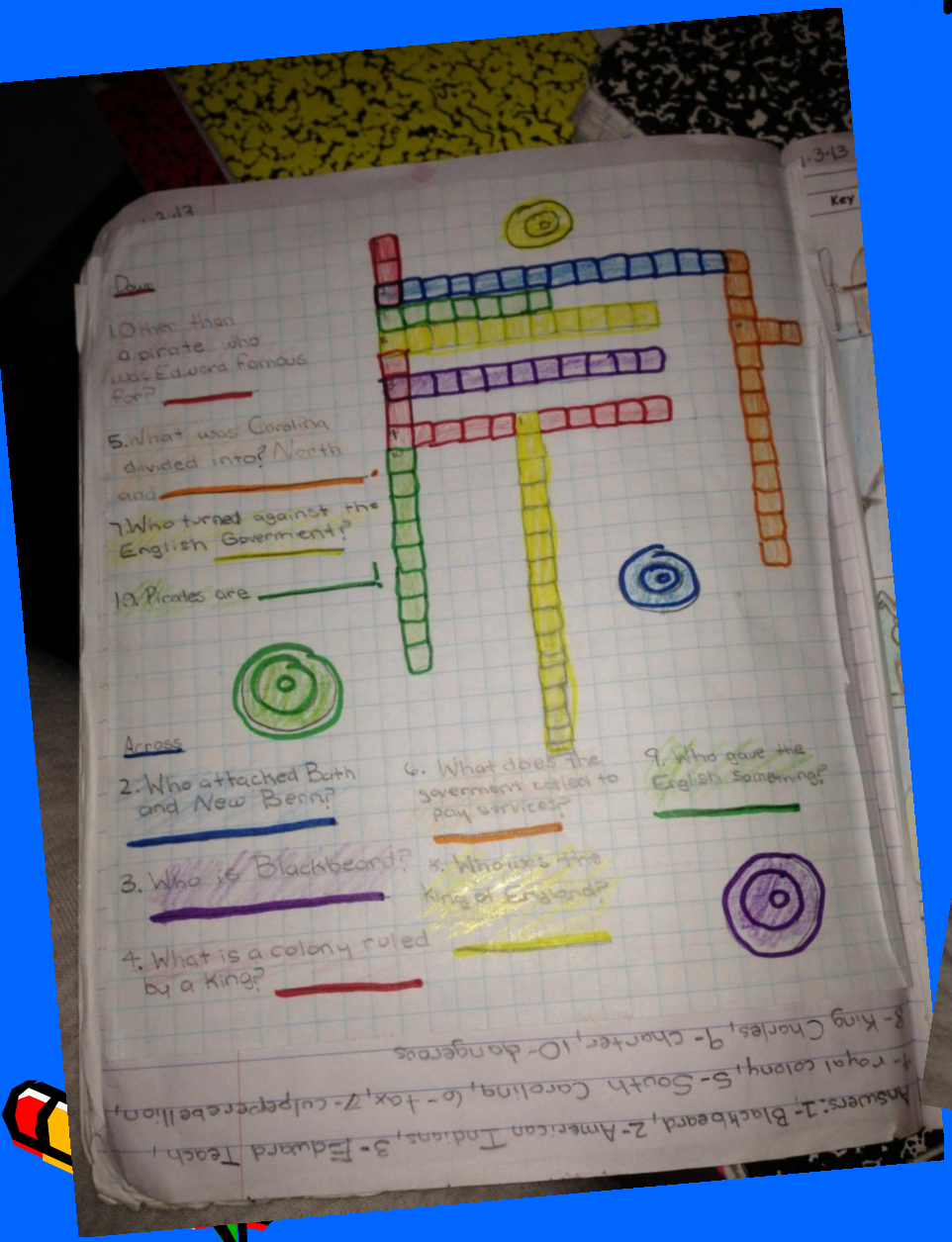


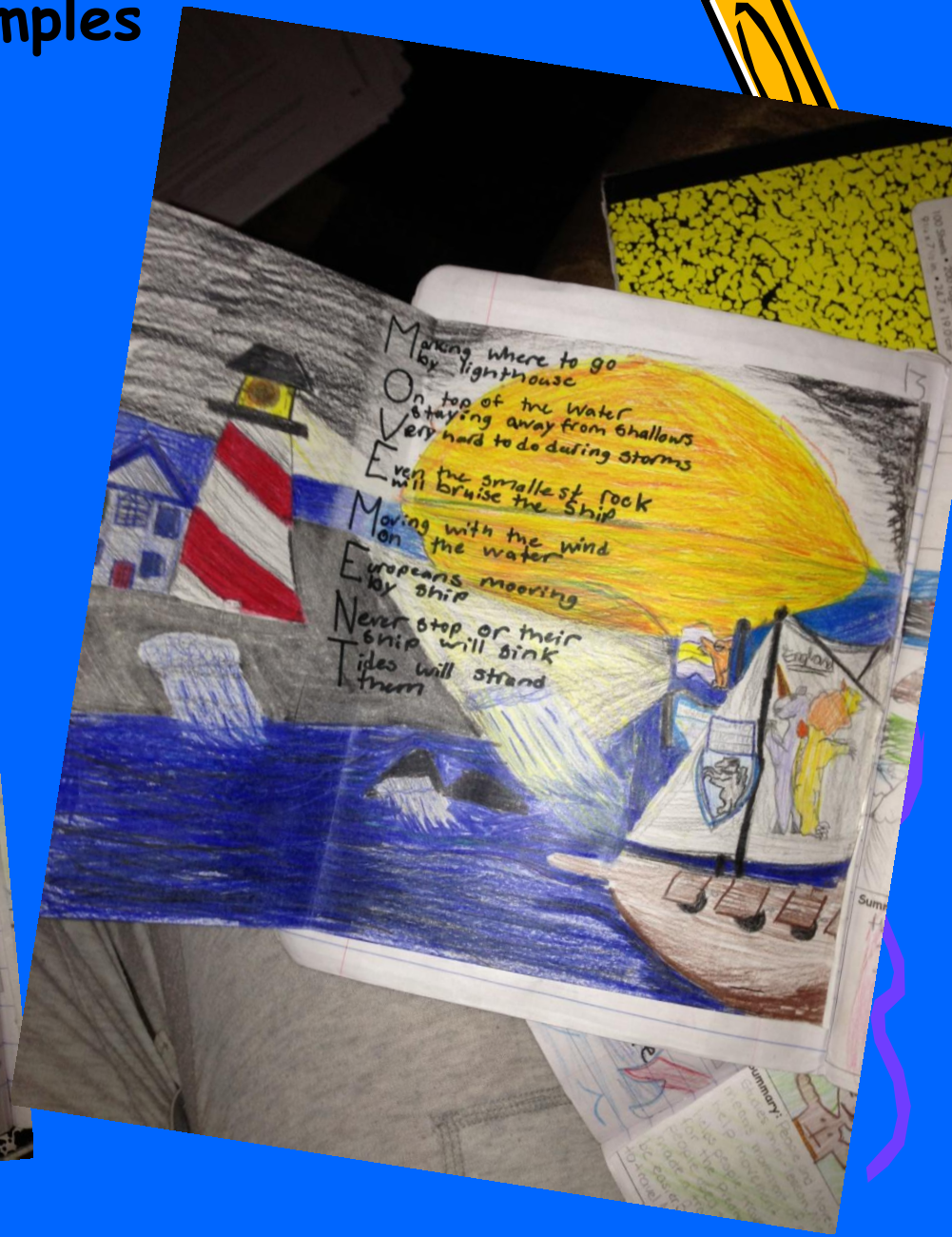
The list goes on and on… I have typed up and created task cards for 48 different left side ideas. This is the most difficult part!

Left Side Examples

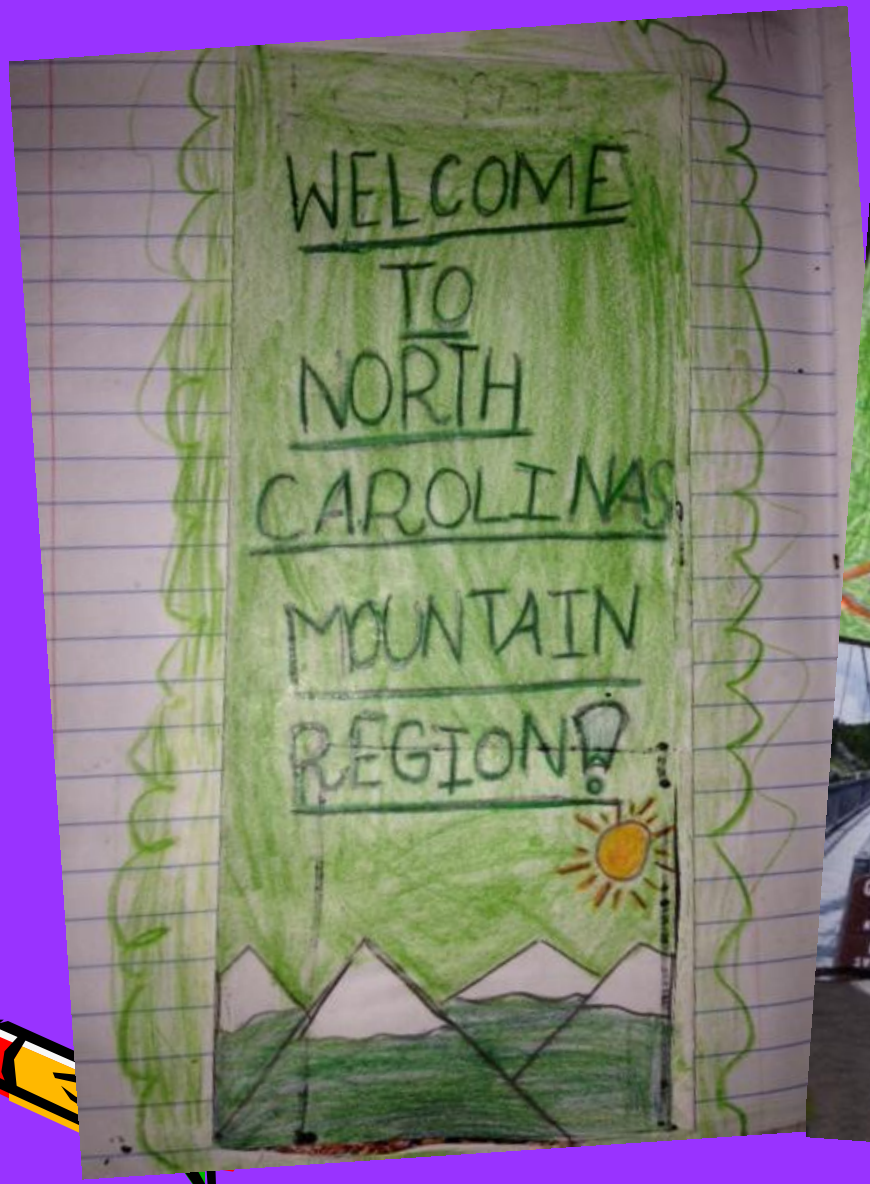


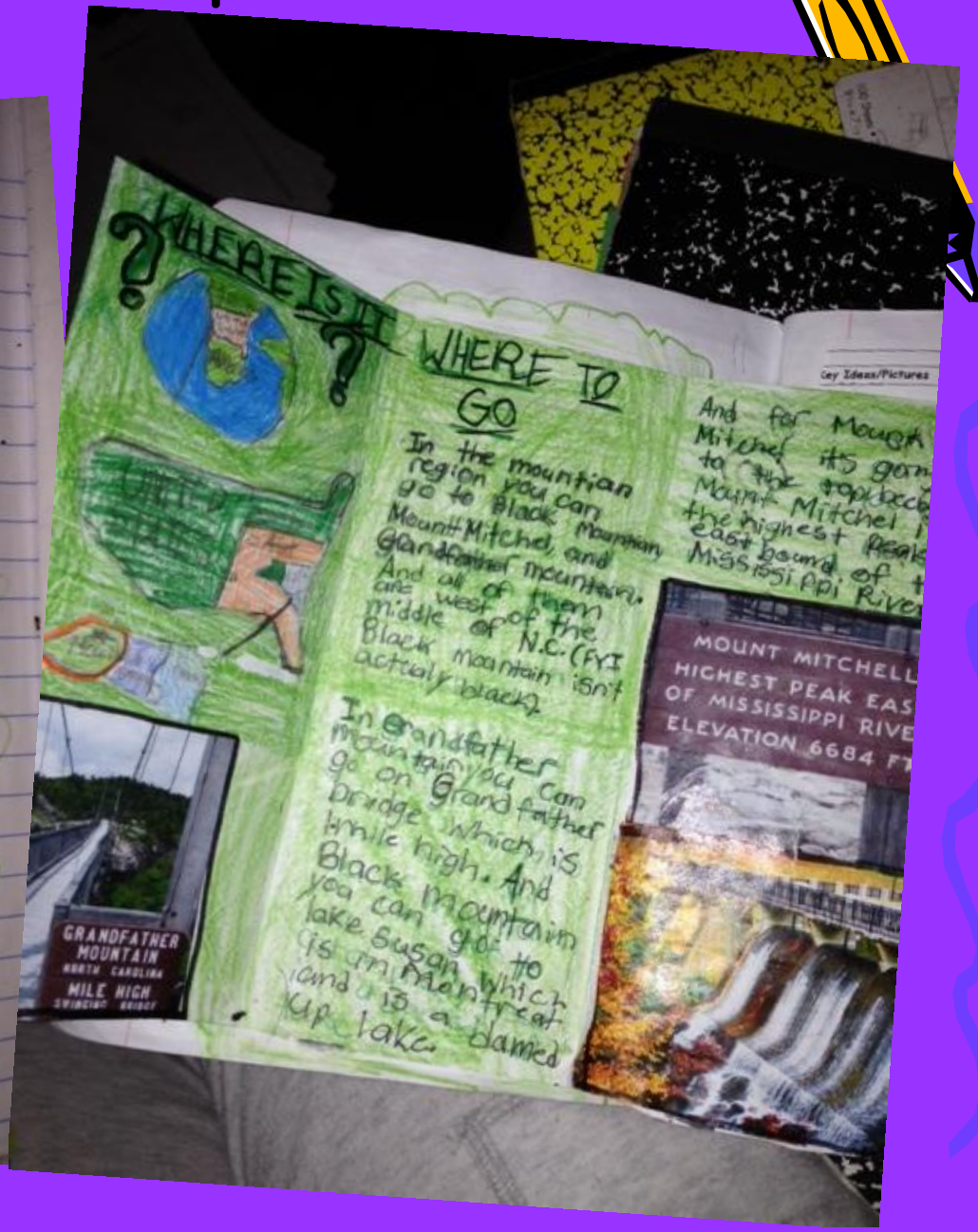
Left Side Examples





Left Side Examples





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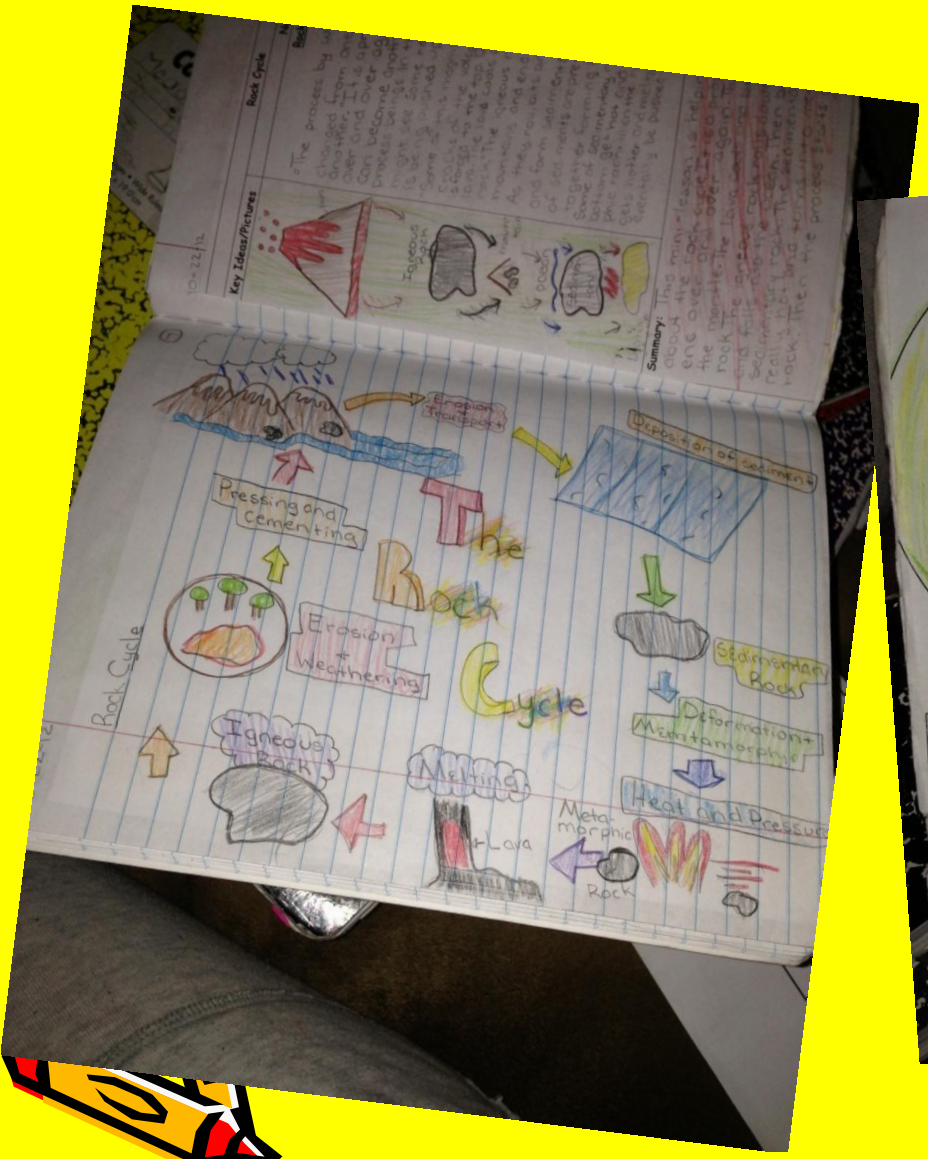
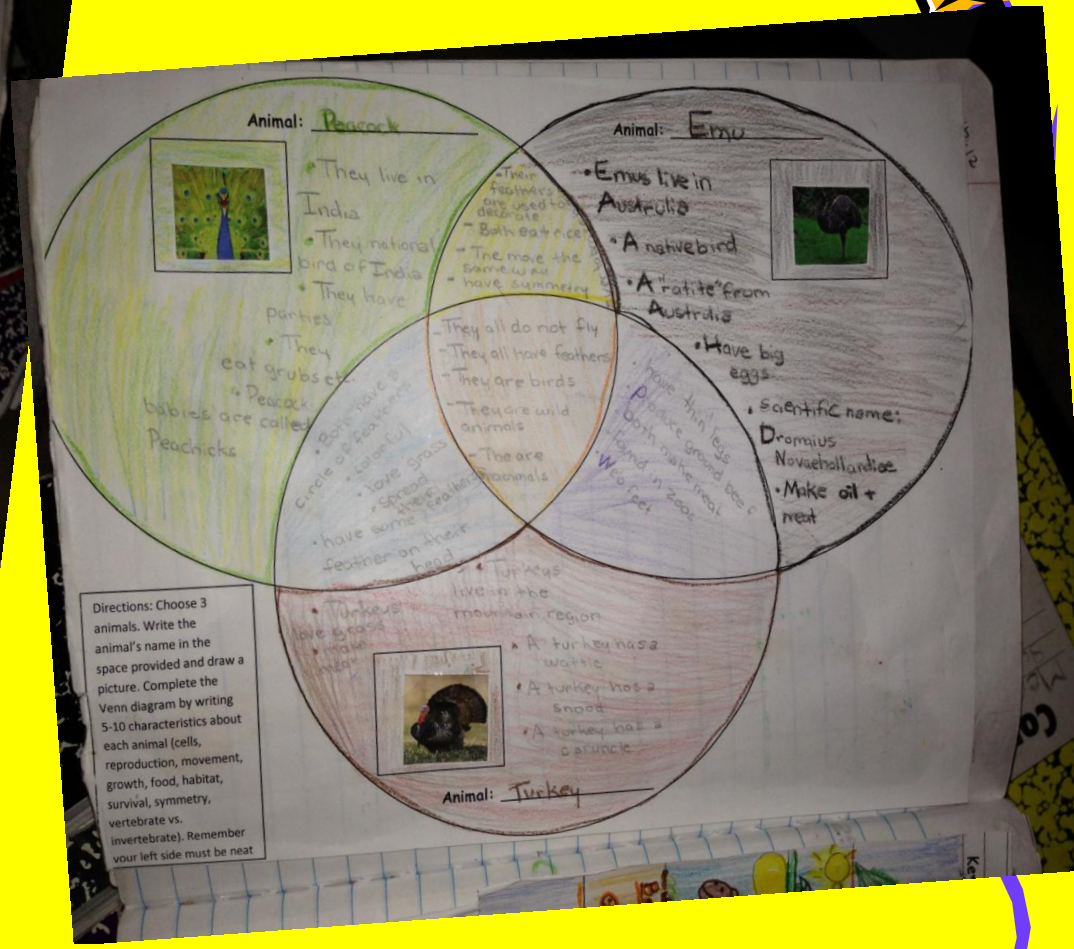
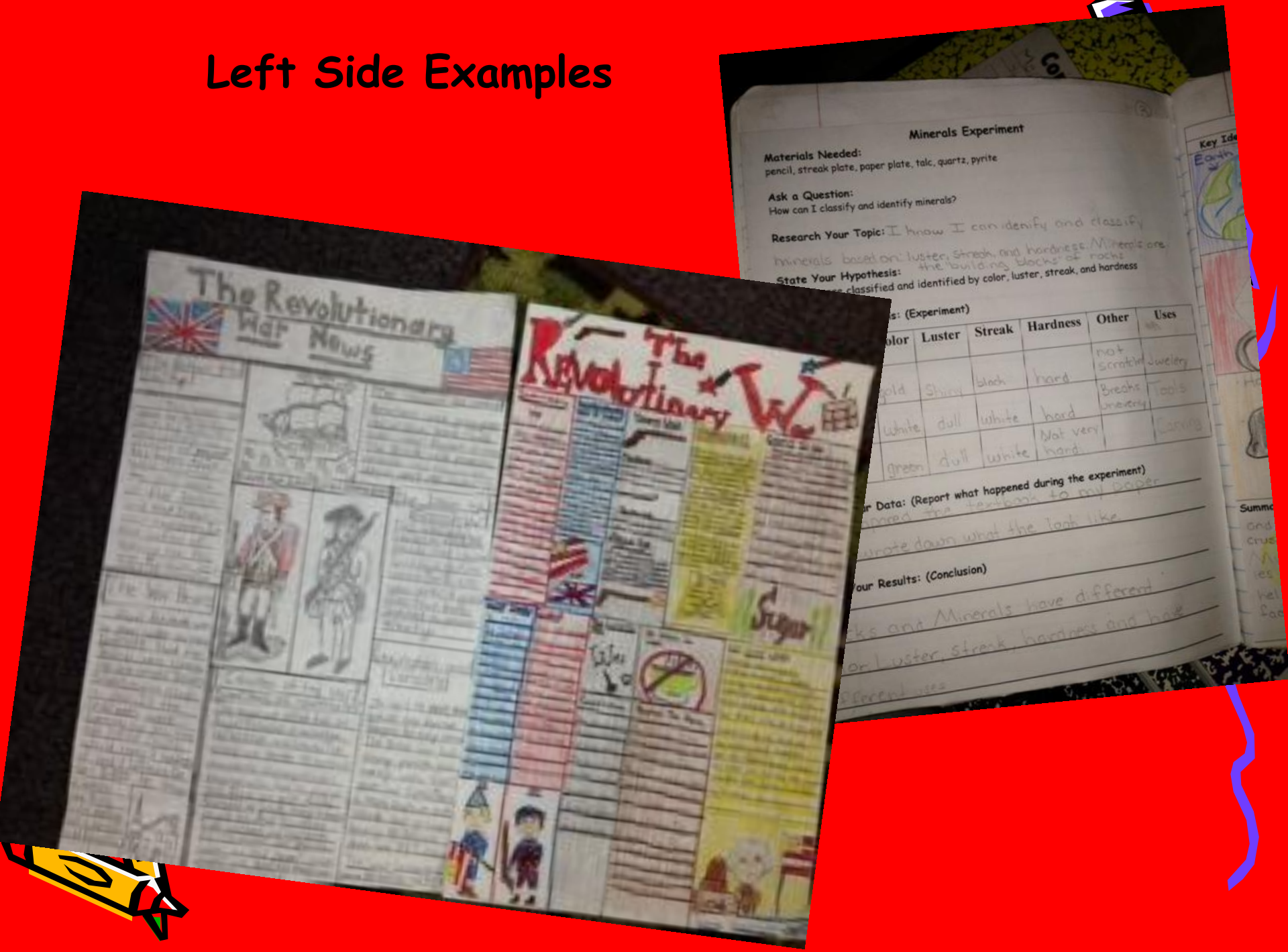
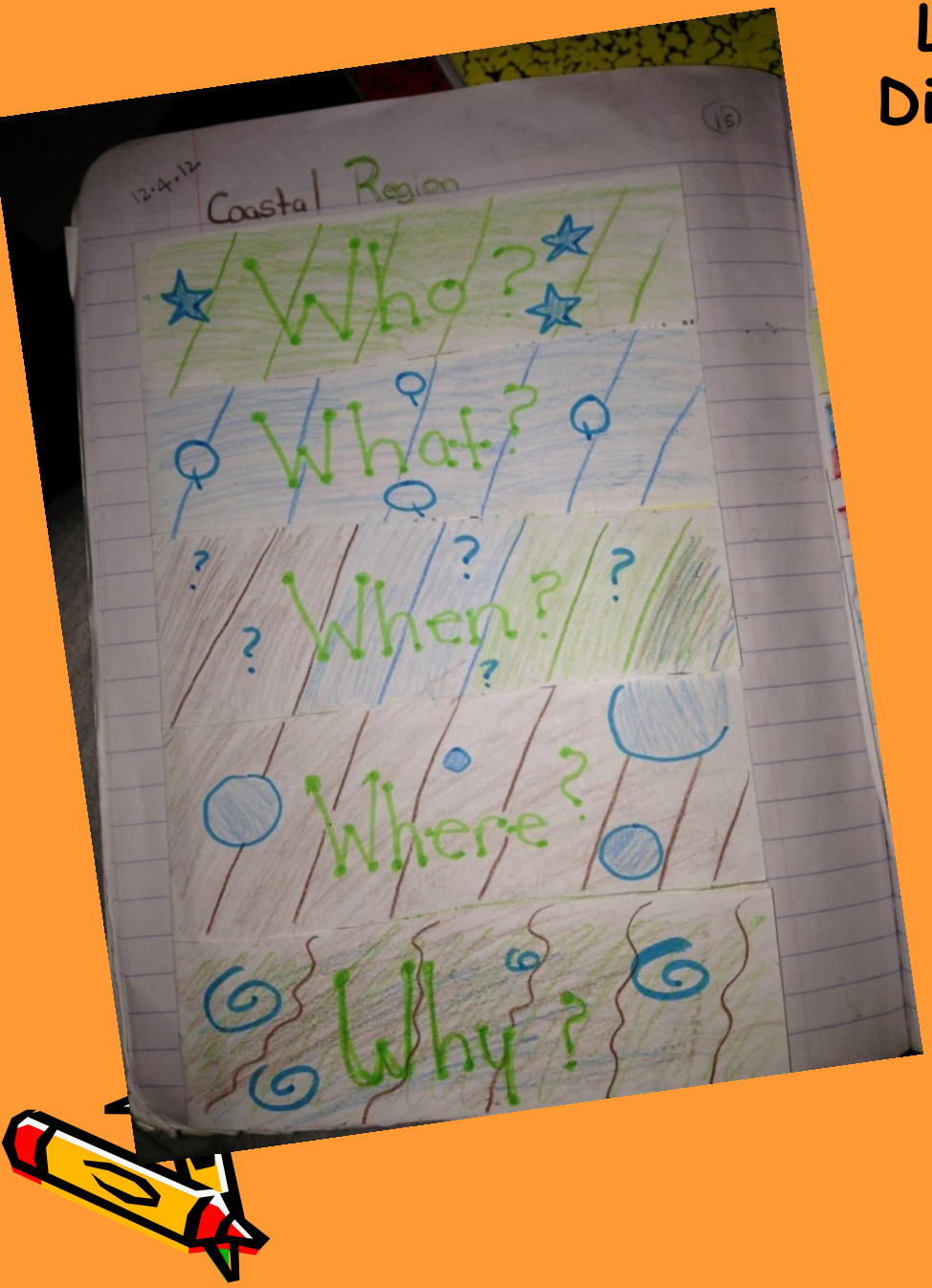


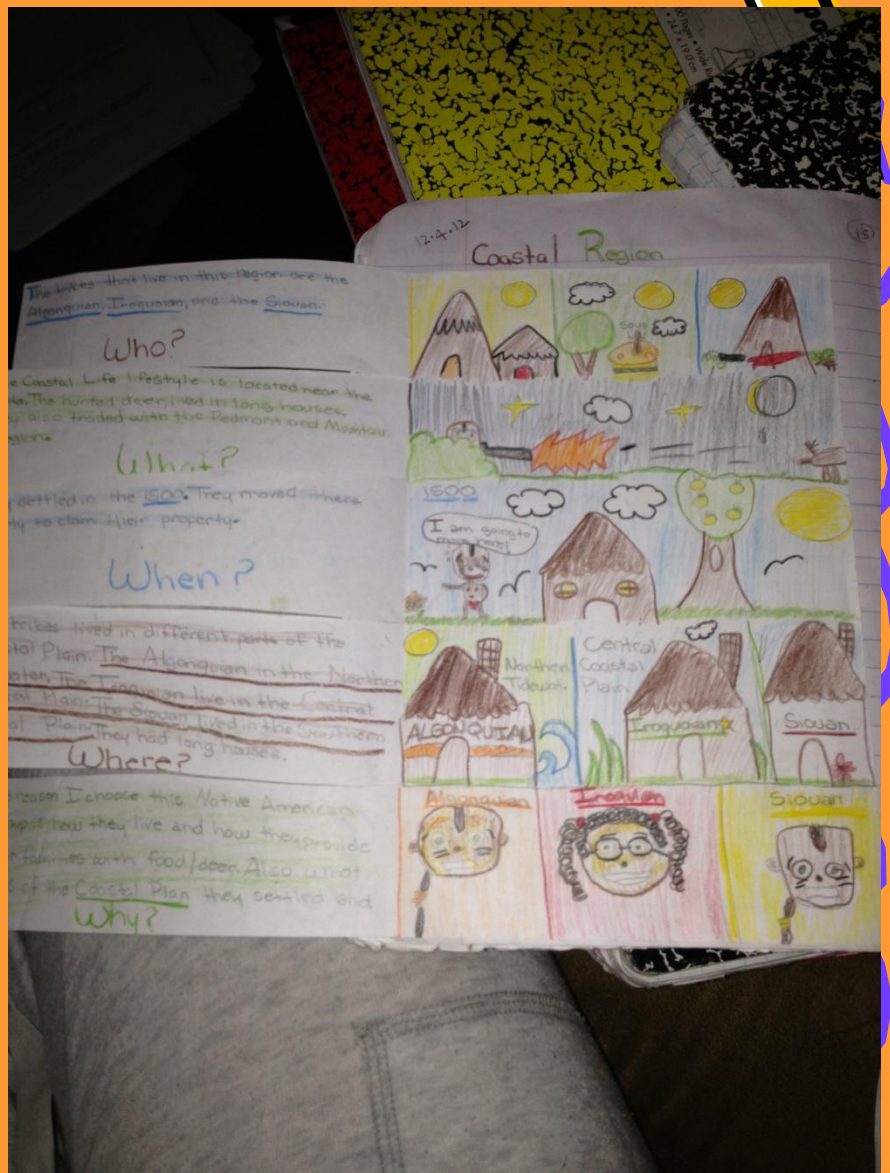


Left Side Examples

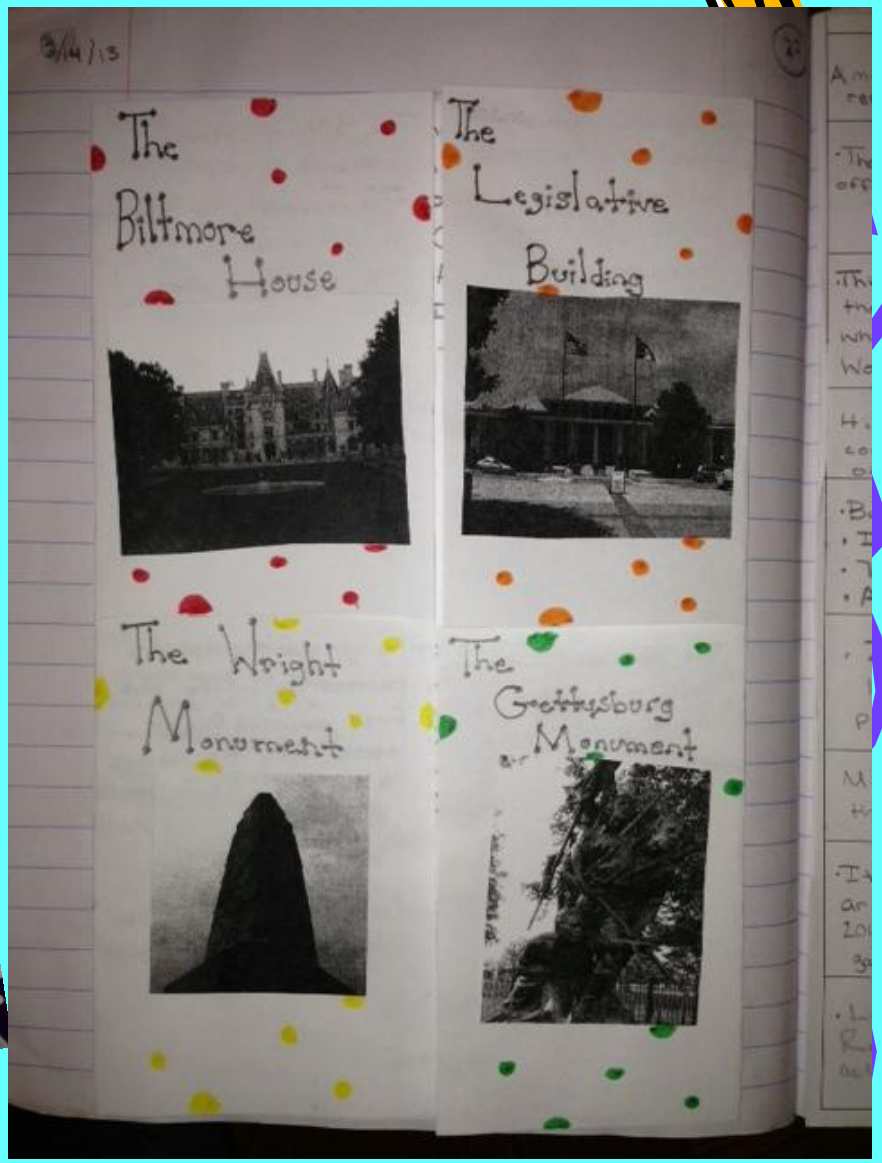


Left Side Examples
Dinah Zike's Foldables

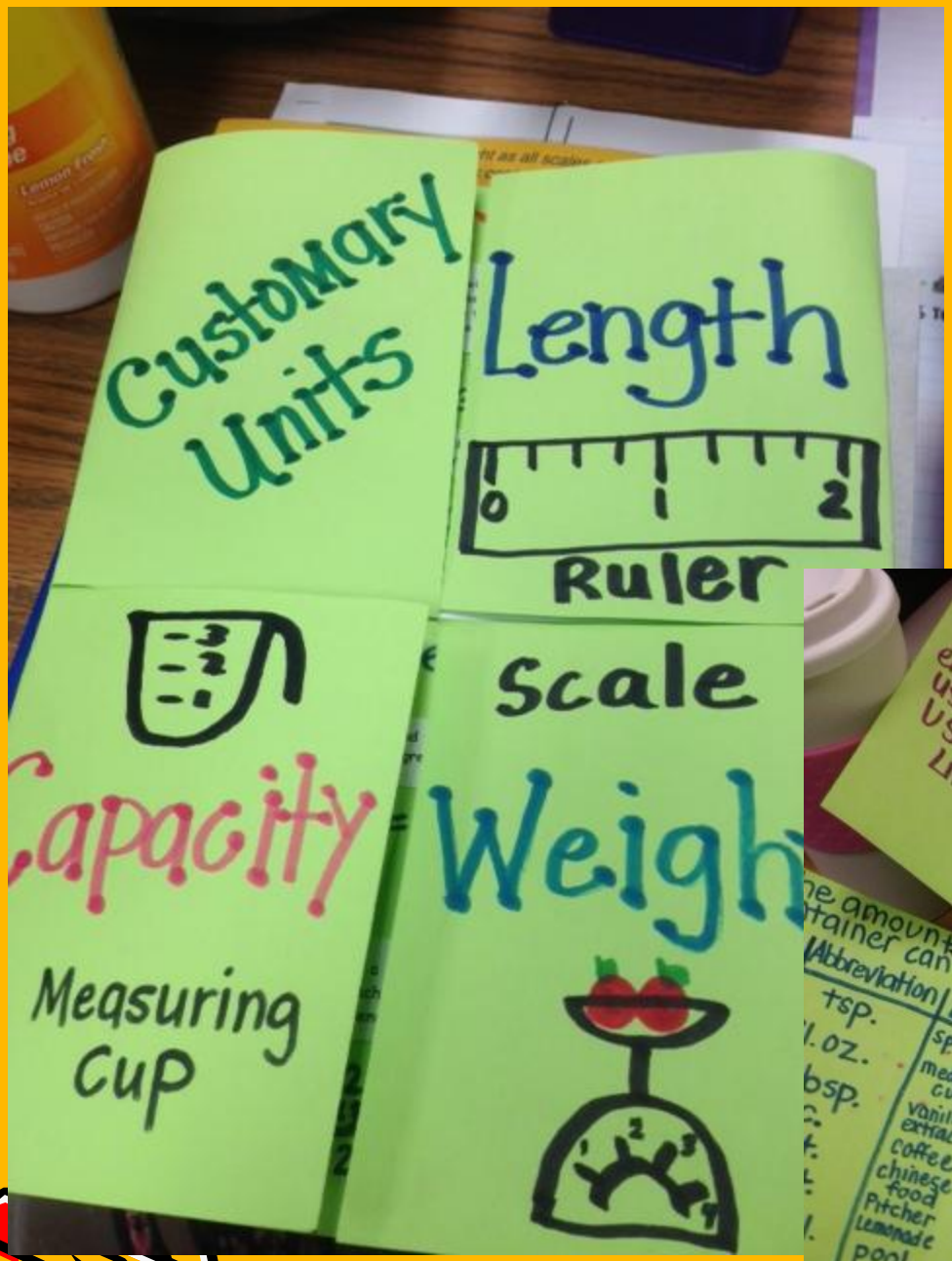


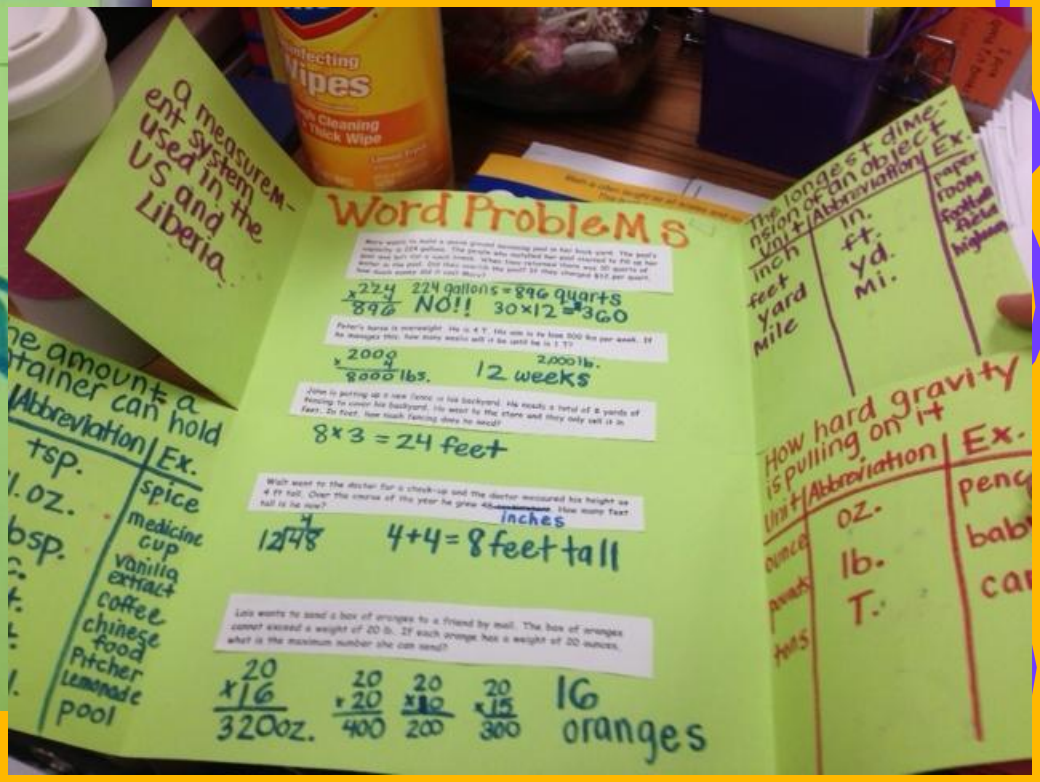


Left Side Examples:
Dinah Zike Foldables!

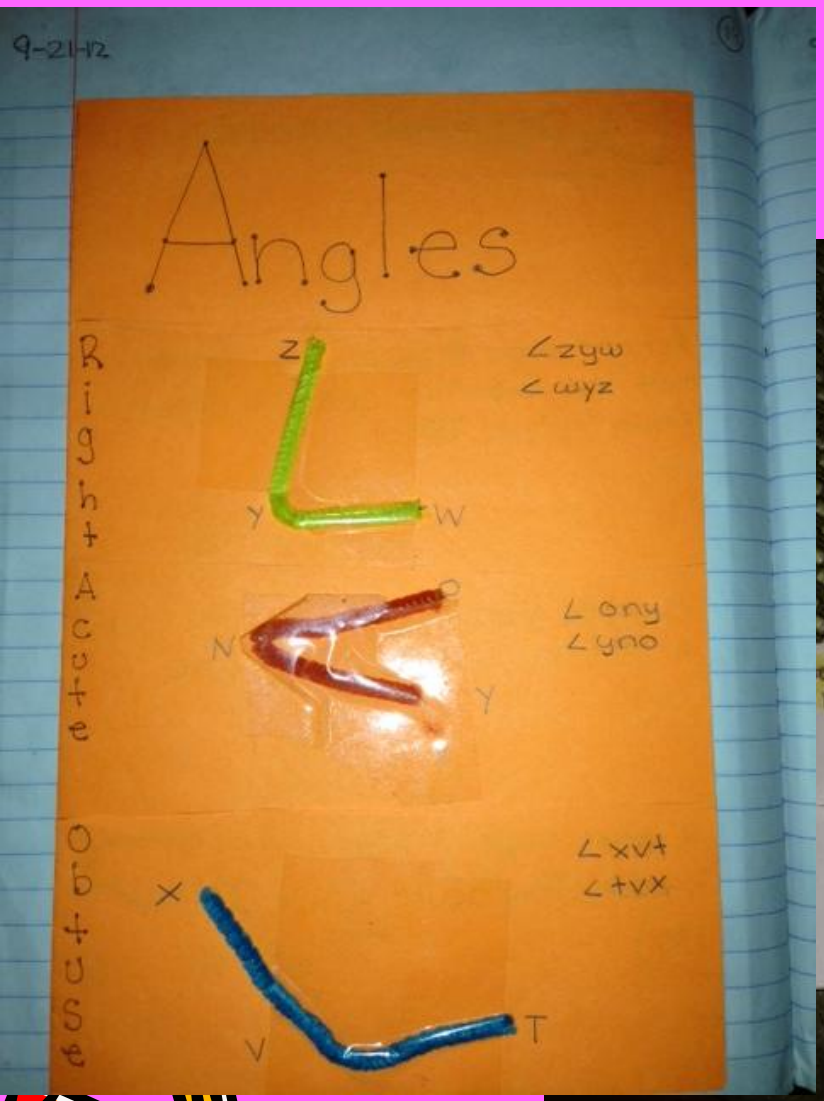


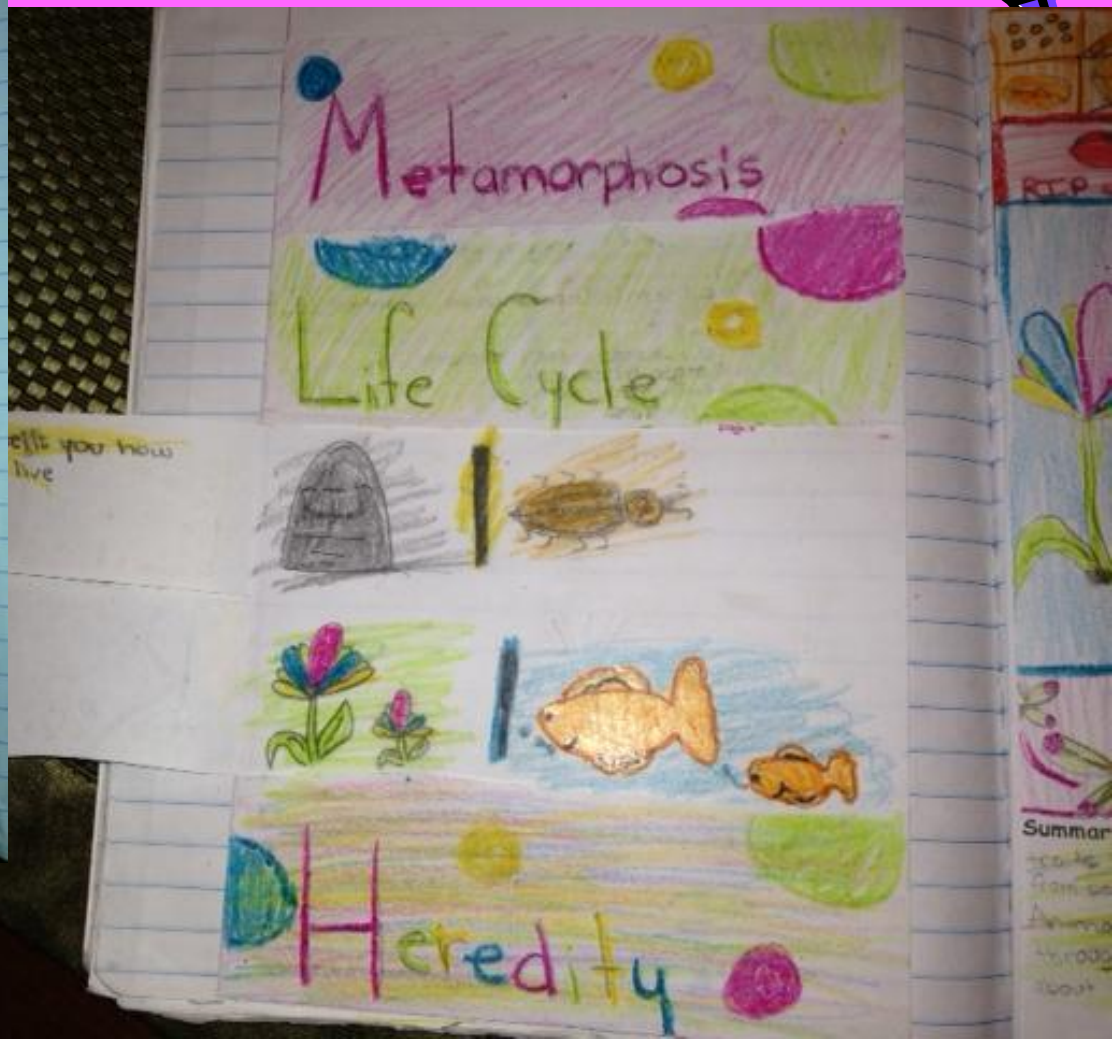
Dinah Zike's Foldables



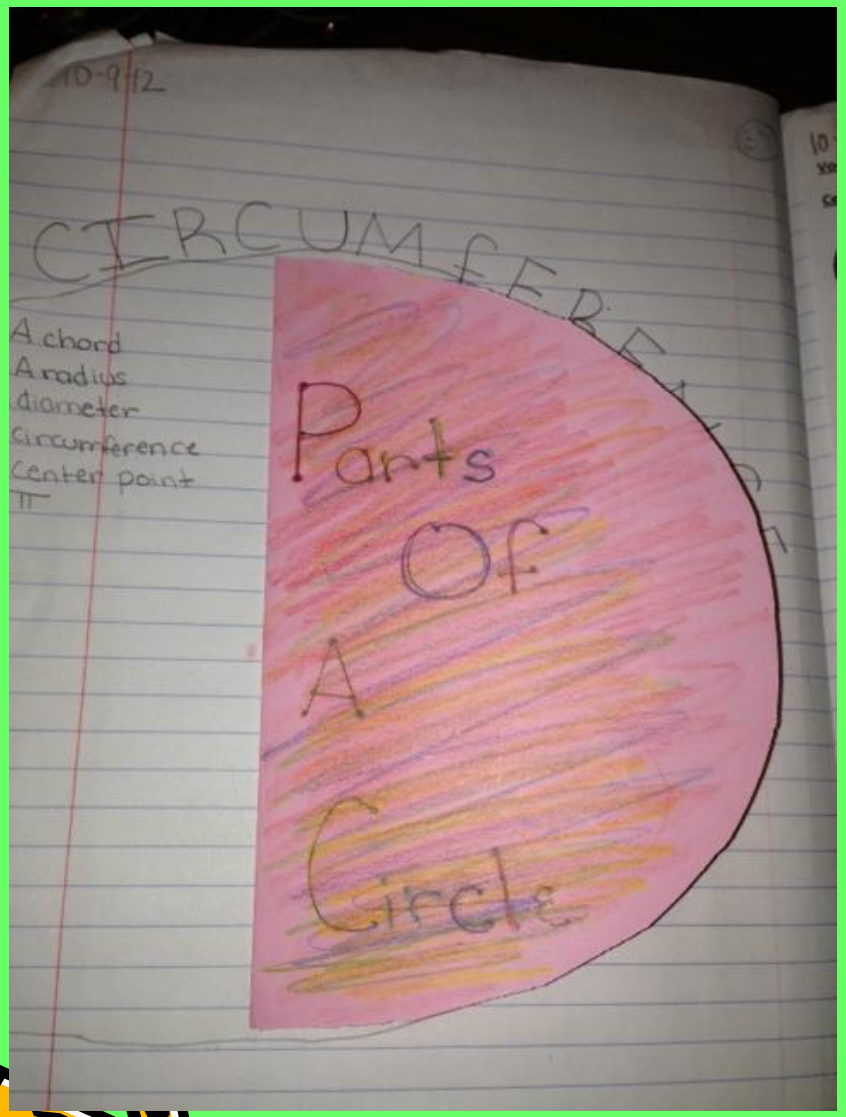


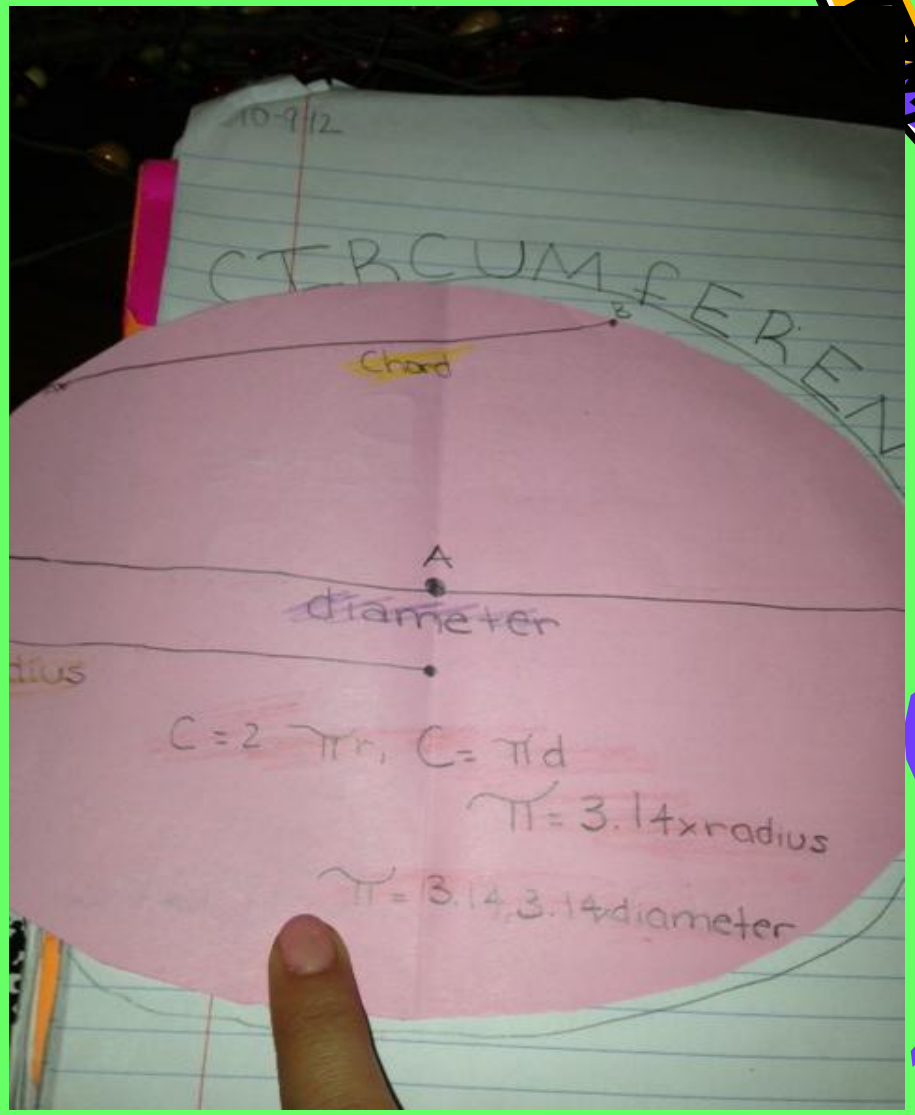
Left Side Examples:
Dinah Zike Foldables!



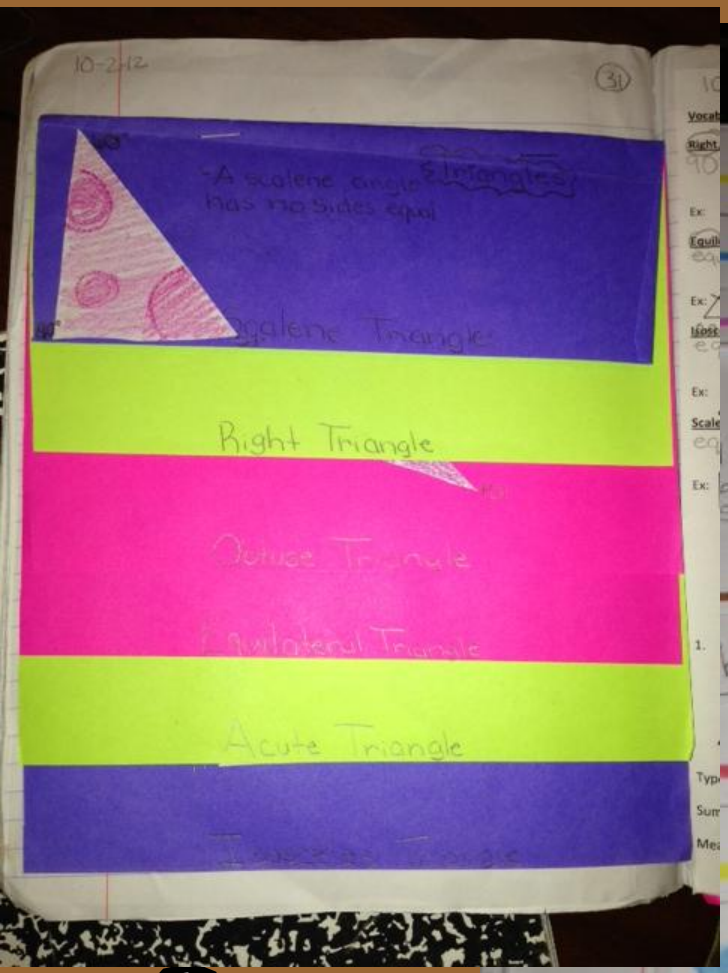


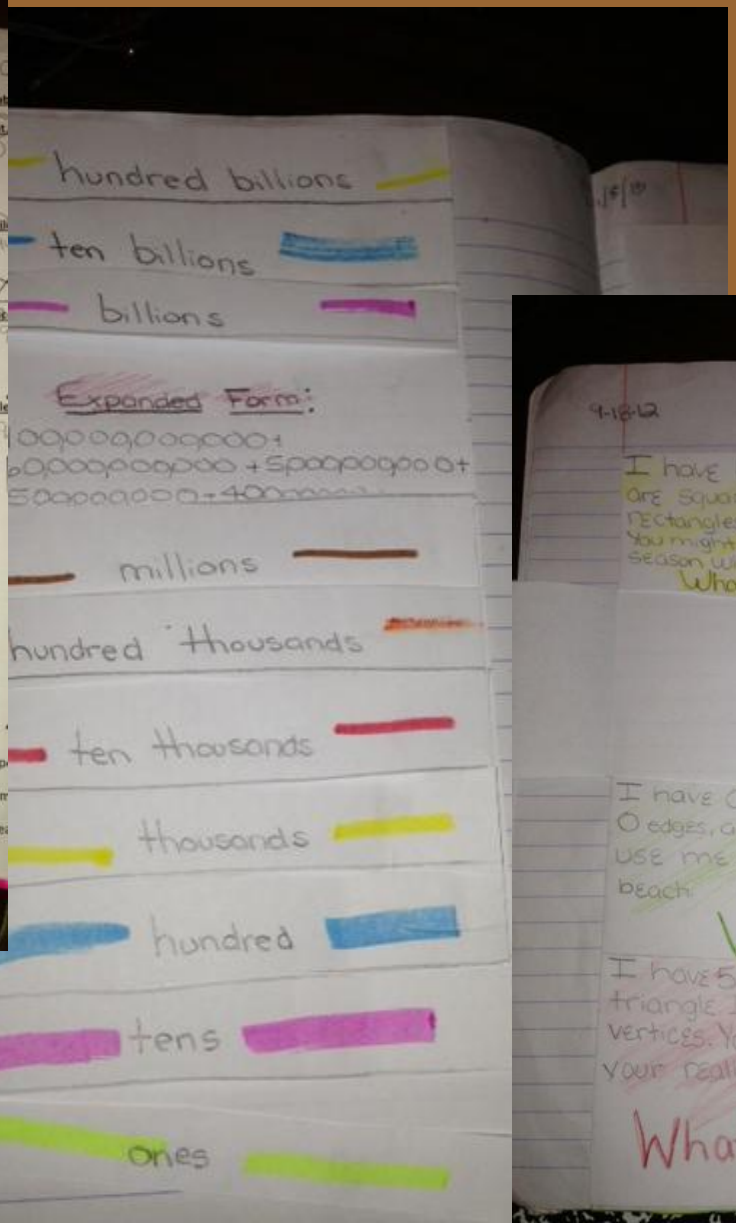
Left Side Examples:
Dinah Zike Foldables!

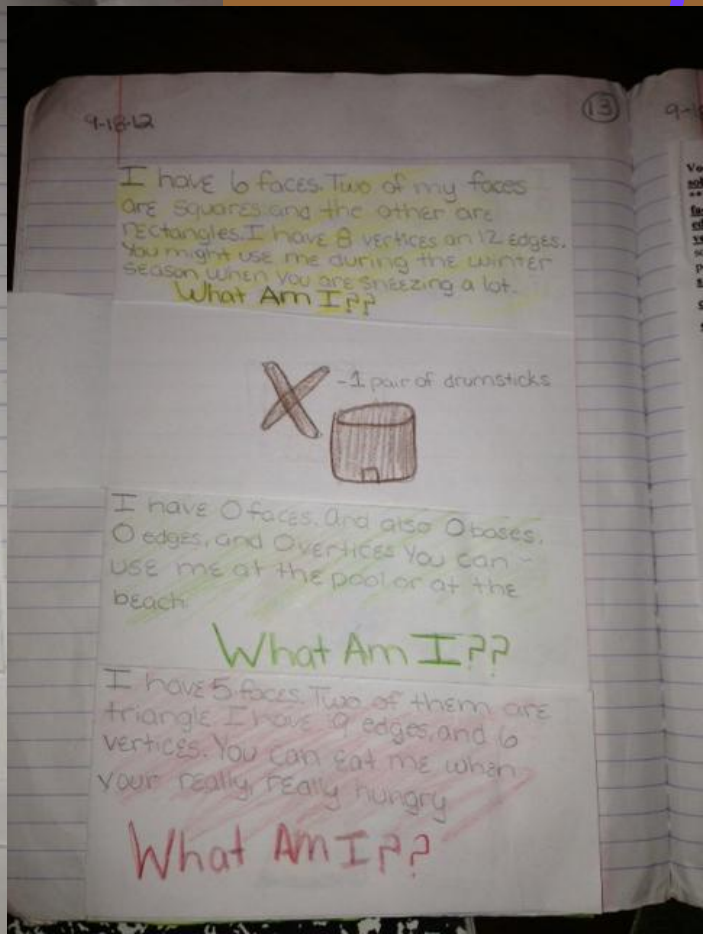




Left Side Ideas:
Dinah Zike's Foldables







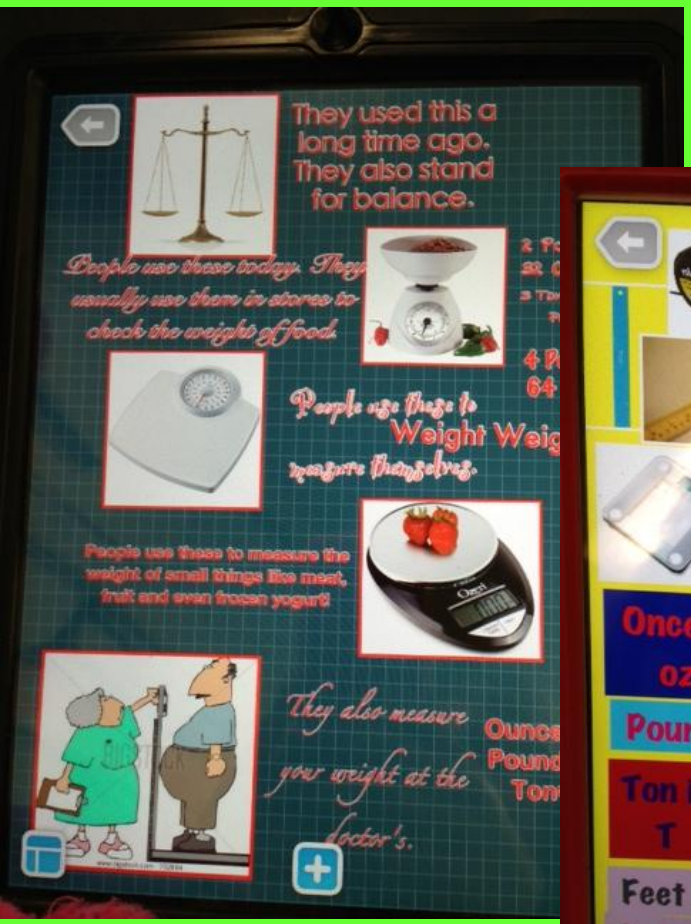
Differentiation Right Side:

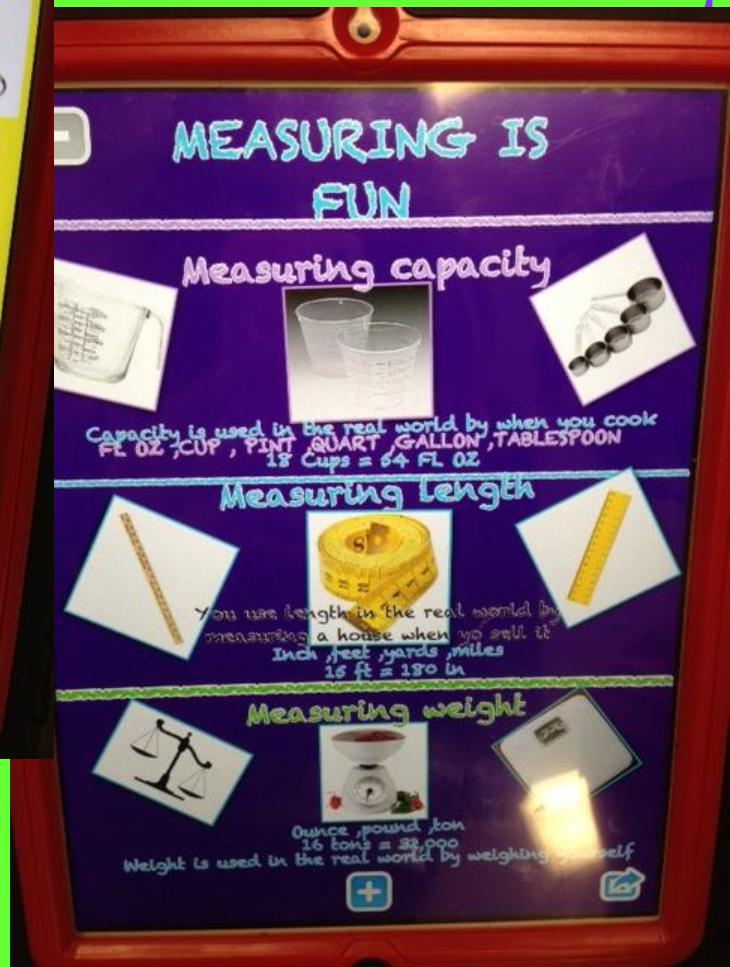
- Content
- Process

•Differentiation Left Side

Interest
Ability
Multiple Intelligences

Math Differentiation Left Side Examples w/ Technology





3 Branches of Government Video

Example of Differentiation Science:

Science Interactive Notebook Left Side Assignment Choices Weathering & Erosion
Due: Thursday, December 12, 2012-12-11

Timeline

Create a 6 tab timeline foldable. You will need one white 8x11" piece of paper. It should be over a time span of at least one hundred years. You may choose the year that you start with and end with. You will draw a picture of a piece of land and then each picture should show the changes that took place because of weathering and erosion. Remember, that most changes do not happen overnight. Pictures should be drawn on the outside of the foldable and on the inside you will need to explain what is happening in your picture. You must use the words weathering and erosion.

Writing Piece

Create a 4-5 paragraph (about 1 page) writing piece. You will pretend that you are a rock and you will write about your life over the time span of 100 years. Be as creative as you would like. You must show evidence of your understanding of weathering AND erosion. Your writing may be typed and glued into your notebook or you may write directly in your notebook. If you wish to draw or print pictures to put in your notebook you may.

Picture/Acrostic Poem

Draw a picture to represent weathering and erosion. You must label your picture with weathering and erosion. Write an acrostic poem of weathering and erosion over the picture. You will want to draw your picture first. The words weathering and erosion must be written vertically. Your weathering poem must show me that you understand weathering and your erosion poem must show me that you understand erosion. You may want to go over the poems with black marker when you are finished so that you are able to see your writing.

Grading Rubric

"I always have science and social studies grades with these notebooks!"

You can choose to grade every assignment or the notebook as a whole!

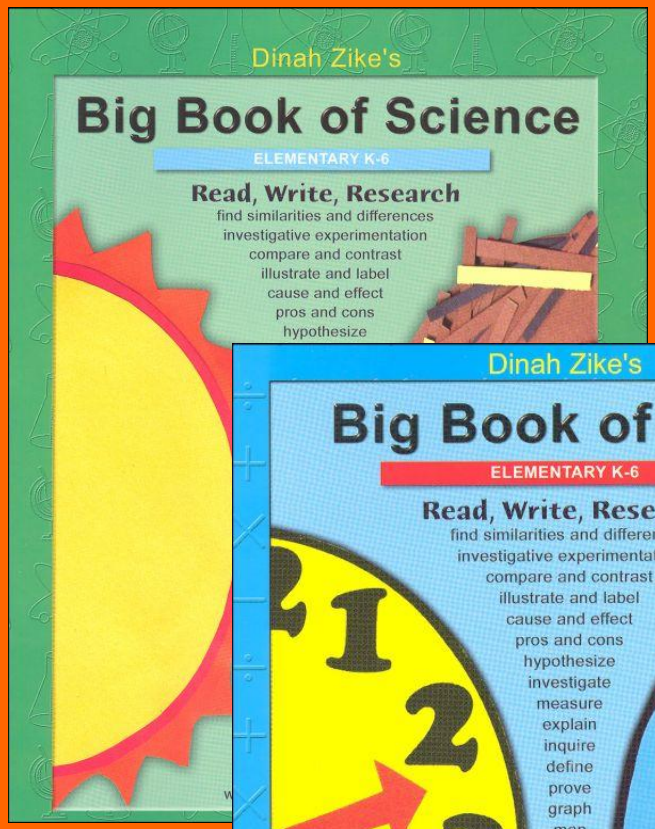
Math I give two grades for whole notebook!

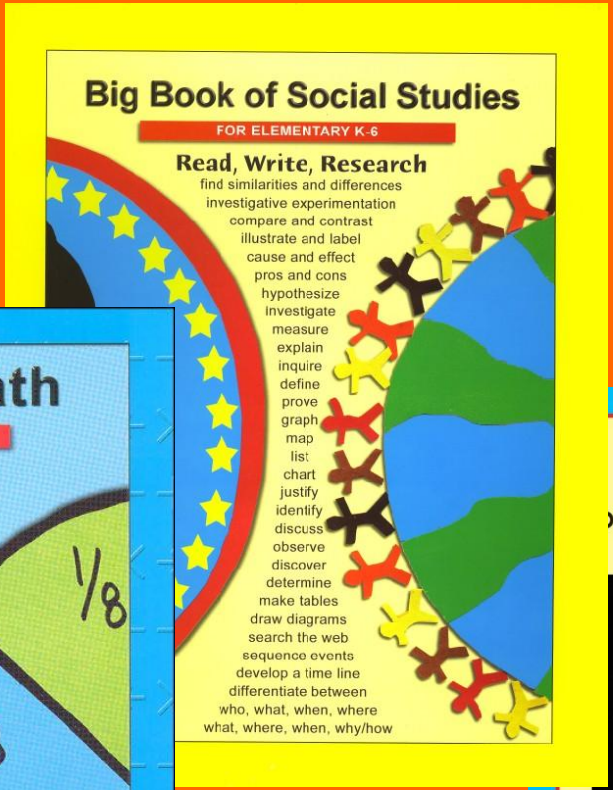
Proficient	Basic	Beginning	Criteria
3	2	1	**Right Side (Teacher Side)** ○The assignment including handwriting is neat, and completed with care ○Pictures/Key ideas are complete, clear, labeled when needed and colored ○Summary is complete (topic sentence, 3 main idea sentences from notes, concluding sentence) and is in student's own words
6	4	2	**Left Side (Student Side)** ○The assignment including handwriting is neat, and completed with care ○The assignment is complete ○The assignment is completed according to instructions given ○The assignment is correct ○The left side shows a thorough understanding of the right side ○Color has been used to make the assignment neat and attractive.
3	2	1	**Organization and Timeliness** ○Pages are attached securely, left side/right side order intact ○Pages numbers and dates are on each page ○The notebook assignment was completed and turned in on time
1			**Creativity** ○Student's assignment is creative and thought provoking.
2			**Evidence of Additional Thinking/Effort – WOW Factor** ○Student put exceptional effort into both right and left side assignments. Assignment goes above and beyond the requirements.

13 = 100, 12 = 95, 11 = 90, 10 = 85, 9 = 80, 8 = 75, 7 = 70, 6 = 65, 5 = 60, 4 = 55, 0-3 = 50
13 + WOW Factor = 102

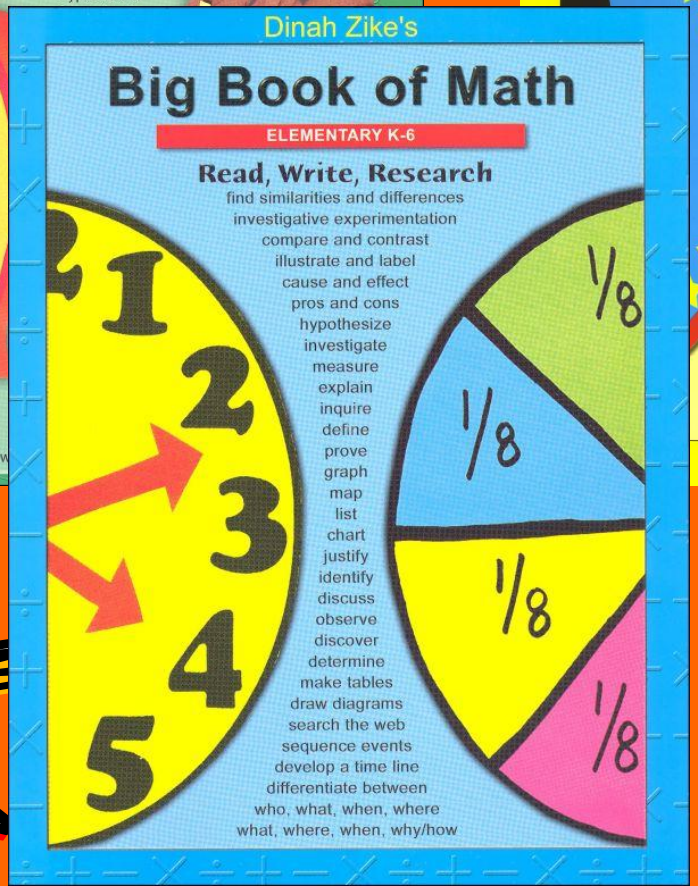
Final Grade: _____ / 100 Teacher Comments:

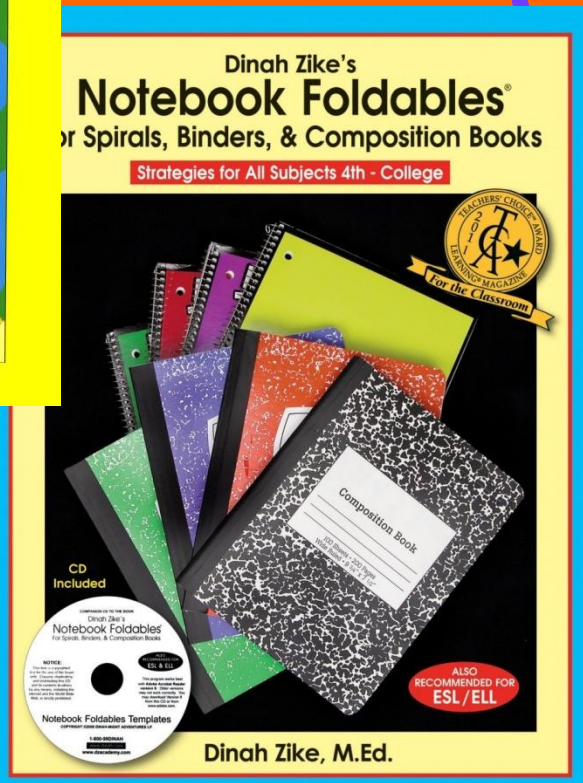
Teaching Resources:





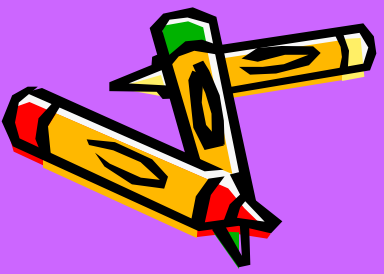
Binder



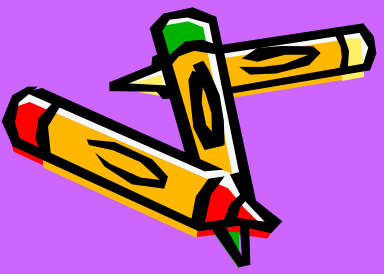


What are students and parents saying?

- "I always see her notebook next to her for reference if she gets stumped."
- "…easy to understand/study for assignments."
- "… a great way of seeing what our children are doing in school."
- "All the information needed for an assignment or to study is right there and is easy to look up."



- "I think it is a wonderful learning tool."
- "The rubric style grading makes it easy for us to know how he is doing and what the expectations for state and classroom tests are."
- "What a great way to add fun to learning!"
- "This is a skill we know he needs that can carry with him all the way throughout high school and into college



Important Tips

- WOW factor is a must!!!
- Consistency…If it is a routine it will get easier, I PROMISE!
- Assign a buddy checker for page numbers, dates, and table of contents
- Don't wait until the end of the marking period to collect to grade
- If you don't care about them, your students' won't either
- Buy a paper cutter and cut the notes yourself!
- Have students glue in any notes for morning work
- Put materials on your supply and wish list at the beginning of the year

Left Side Ideas Created:

- I have create task cards with 48 different left side ideas! By the end of the year the students have more choice in what they choose for their left side.

Questions???