Interactive Notebooks



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So, what is an Interactive Notebook?

- 1. How many of you have heard of an Interactive Notebook?
- 2. Have you used an Interactive Notebook?

Agenda:

- Introduction to the interactive notebook
- How to introduce the notebook to students
- Research
- Goals of the interactive notebook
- Organization of interactive notebook
- Examples of student "interactions"
- Variations of the notebook
- Disclaimers
- Grading the notebook
- Value of using the notebook
- Questions

Part 1

Let's begin with an experiment...

HANDOUT 9-3

Please rate the sentences I will read aloud on how easily you can pronounce them. Repeat the sentences silently to yourself. Use the following scale.

	1 very difficult to pr		4 5 very easy to pronounce	e
1.	6.	. 11 market of selection of the color of the	16	5.
2.	7.		a "and paire diam to 17	7.
3.	8.	13.	18	8.
4.	9.	14.	19	9.
5.	10.	15.	2	20.

Source: Reprinted by permission from Memory Demonstration Kits by Donald B. Irwin and Janet A. Simons.

HANDOUT 9-3

Please rate the sentences I will read aloud on how well you can form a vivid mental picture or image of the action of the sentence. Use the following scale.

	1 impo		4 5 very easy to image	
1.		6.	11.	16.
2.		7.	12.	17.
3.		8.	13.	18.
4.		9.	14.	19.
5.		10.	15.	20.

Source: Reprinted by permission from Memory Demonstration Kits by Donald B. Irwin and Janet A. Simons.

PART 2

The Research/ Nuts and Bolts

What Research Says...

Encoding (get info into our brain)

Visual (Pictures)

Semantic (Meaning)

Acoustic (Sound)

Why Color?

Color is a most powerful stimulus for the brain.

The brain sees and remembers color first!

Color opens the mathematical process and scientific process

Color is a frequency that can connect and create a neuropathway

Connector to all the types of intelligences we have

What are the goals of the Interactive Notebook?

- 1. To create <u>personal meaning</u> with information that has been covered in class or the textbook
- 2. To give a built-in opportunity to organize and review materials as we go along
- 3. To have everything from one chapter/unit in one spot, so all your <u>study materials are in one</u> place
- 4. To teach you <u>study techniques</u> that can be implemented in <u>other classes</u>

Right Side

Date

Title

The right side basics:

- Where the teacher organizes a common set of information that all students must know.
- Gives students the "essentials"

Right Side

Date

Title

THE "INPUT" SIDE

- -used for recording notes
- -typically, all "testable" information is found here
- -place for illustrated outlines, flow charts, annotated slides, T-charts, and other graphic organizers
- -handouts with new information also go on the right side

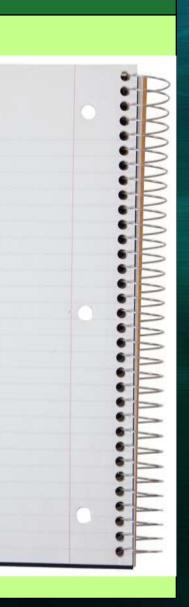
Left Side

Date

Title

The left side of the notebook:

- Clearly indicates which ideas are the teacher's and which ideas belong to the student.
- Stresses that writing down lecture notes does not mean students learned the information. Students must <u>actively</u> do something with the information before they internalize it.
- Provides permission to question, to be playful, and to experiment because students know the left side is their page and will not be interfering with class notes.
- Allows students to use various learning styles to process information.



Left Side

Date

Title

THE "OUTPUT" SIDE

- -primarily used for processing new ideas
- -illustrations, diagrams, flow charts, poetry, colors, matrices, cartoons, etc...
- -explore opinions and clarify values on controversial issues
- -wonder about "what if" hypothetical situations, and ask questions about new ideas
- -record feelings and reactions to activities that tap into intrapersonal learning
- -review what students learned and preview what they will learn in the future
- -see how individual lessons fit into the larger context of a unit

Organization

Keeping a table of contents in the front of the classroom is very helpful!

Table of Contents	-			Table of Contents
2 Introto Development	413	3/5	Article Analysis (character)	Intro PPT Notes
3 Text-book	2/26	2/28	ANY* (Diffiralich9)	Ch 9 KI# 1
4 Textbook	3/1	3/5	ANYK	Ch9 KI#Z
5 Vocab	2/27	3/7	KA.KM, DA . OD	# 9 Development
6 Voiab	3/6	3/14	*A.KM, OA" DD	# D Industry
7 Industry	3/7	3/4	MOC VI LOC Chart	Industry PPT Nak
8 Textbook	5/4	3/4	ANY	Ch9 KI #3
9 Textbook	3/4	3/12	ANY*	Ch9 K1#4
10 Industry	49		PhotoFriday 3/8	110 0000
11 Transportation	3/11	3/11	Question/EntSlip	Transportation Activity
n Textbook	3/11	3/13	ANY*(4&FFECCH II)	Ch K #
15 Tedbook	3/12	3/14	MAx	Ch 11 K1#3
M Todbook	3/14	3/15 3/15	ANY*	CA 11 KI #4
to Textbook 14 Desodoublial Flootion		3/14	12/41	Denductrial Fortal PT
17 Location Thomas	4/15	3/13	Heading Of Lucio Paper	Lox Thanes Medals APT
		1/1		

Use a Google Doc so students & parents can access at home

APHG Interactive Notebook

TABLE OF CONTENTS

UNIT TITLE: LANGUAGE

LEFT PAGE	DATE DUE	RIGHT PAGE	DATE GIVEN
TABLE OF CONTENTS		KBAT 1	10/20
2 C	10/24	Ch. 5 Key Issue #1 Study Guide 3	10/20
4 🛆 F	10/23	Numbers 1-10: Language Families 5	10/21
6 [student choice]	10/23	Ch. 5 Key Issue #2-PART A Study Guide 7	10/21
8 △ J or □ H	10/24	Which does not belong? 9	10/22
10 E	10/24	Ch. 5 Key Issue #2-PART B Study Guide 11	10/22
12 Pro/Con Chart	Con Chart 10/28 An Official Language 13		10/23
14 ☆C 1		Ch. 5 Key Issue #3 Study Guide 15	10/23
16 [FREE SPACE]		British vs. American English 17	10/24
18 [student choice]	10/29	Ch. 5 Key Issue #4 -PART A Study Guide 19	10/24
20 ☆M or △F	10/30	Why preserve a language? Notes 21	10/27

Organization

Student rubrics

Have students self-grade before submitting

Interactive Notebook Rubric

Unit 5: Agriculture and Rural Land Use

TITLE	DATE GIVEN	DATE	LEFT PAGE	LEFT PAGE POINTS	RIGHTPAGE	RIGHT FAGE FOINTS
1. Unit 5 Stuff			Unit 5 TOC	/1	Unit 5 Title Page	/1
2. Extra Papers			Photo Priday Q's		Interactions Chart	
3. Intro to Agriculture	1/23	1/25	Exit Slip	/2	Intro PPT Notes	/2
4. Textbook	1/22	1/24	Any ("Dtf. for each section)	/2	Ch. 10 KI #1	/5
5. Textbook	1/24	1/29	Any*	/2	Ch. 10 KI #2	/5
6. American Agriculture	1/25	1/29	Concept Map (15 items)		Article - Annotated	/2
7. Vocab	1/25	1/31	★ A, ★ K, ○ A or △ B	/2	Vocab #9 - Agriculture	/1
8. Agriculture Rev.'s	1/25	1/29	Headline/Notes	/4	Geog. Issues PPT Notes	/2
9. Modern Agriculture	1/29	1/31	Class Q's	/5	Practice FRQ Outline	/3
10. Future of Agriculture	1/31	2/1	Photo Thursday/ Summary	/2	Practice FRQ Analysis	/3
11. Textbook	1/31	2/5	Any	/2	Ch. 10 KI #3	/5
12. Textbook	2/4	2/8	Any*	/2	Ch. 10 KI #4	/5
13. Nuts/Coffee	2/6	2/11	"The Luckiest Nut" (4th Period Only)		"From Mocha to Java"	/20
14. International Farming	2/7	2/7	Photo Thursday	/2	"Small Farms/Big Cities" Video Notes	/2
15. GMO's	2/8	2/22	Class Notes	/3	Debate Instructions	/1
16. Agricultural Locations	2/8	2/11	Group Sheet (2 Sided Sheet)	/4	5 Items (Individual Sheet)	/5
17. Ag Unit Wrap-Up	2/8	2/14	★A, ●C, or ■ D		Unit Wrap-up PPT Notes	/2
18. Sudan	2/12	2/13	Guest Speaker Reaction	/5	Sudan Case Study	/2
19. Unit Wrap-up	2/14	2/15	Feb. 14 Class Instructions/ Annotated Article	/2	Feb. 15 Class Instructions/ Annotated Articles	/2
NEATNESS						/5
EFFORT						/5
TOTAL POINTS				/42		/78
TOTAL POINTS						/120

Organization

Student Rubric

APHG Interactive Notebook

TABLE OF CONTENTS

UNIT TITLE: AGRICULTURE

Every "Student Choice" must be different

LEFT PAGE	DATE DUE	RIGHT PAGE	DATE GIVEN
TABLE OF CONTENTS	/5	KBAT 1	/1
2 I	/5	Ch. 10 Key Issue #1 Study Guide 3	/2
4 △ E	/3	Corn's Conquest 5	/1
6 A F	/2	Food Inc. 7	/2
8 A F	/2	Corn Farmer's Say Food Inc. Shouldn't Win 9	/1
10 STUDENT CHOICE	/5	Ch. 10 Key Issue #2 Study Guide 11	/1
12 C	/5	Ch. 10 Key Issue #3 Intro 13	/1
14 STUDENT CHOICE	/5	Key Issue # 3 - Developing Countries 15	/3
16 STUDENT CHOICE	/5	Key Issue #3 - Developed Countries 17	/3

Ideas for setting up your classroom



Grading – 2 ways

First way: Grading frequently

Students have 48 hours from the time the right page is given in class to "interact" with it on the left page

Spot checks can be done in class for completion or accuracy

Points awarded at teacher discretion

Grading – 2 ways

Second way: End of chapter/unit grading (everything is graded)

-There will be a running rubric on the board with the necessary right and left page requirements and point values

-Turned in the day of the test

APHG Interactive Notebook

TABLE OF CONTENTS

UNIT TITLE: AGRICULTURE

Every "Student Choice" must be different

TABLE OF CONTENTS /5 2 □ I /5 4 △ E /3 Corn's	KBAT 1	/1 /2
2 1 73		/2
4 △ E /3 Corn's	s Conquest 5	
	o onquest o	/1
6 △F /2	Food Inc. 7	/2
8 AF /2 Corn Farmer's Say Food Inc. Sho	ouldn't Win 9	/1
10 STUDENT CHOICE /5 Ch. 10 Key Issue #2 Stu	udy Guide 11	/1
12 C /5 Ch. 10 Key Issu	ie #3 Intro 13	/1
14 STUDENT CHOICE /5 Key Issue #3 - Developing C	ountries 15	/3
16 STUDENT CHOICE /5 Key Issue #3 - Developed C	Countries 17	/3

Variations on the use of the Interactive Notebook

- 1. Model the use of the Interactive Notebook by going over the syllabus
- 2. Use of the pockets



Values of using the Interactive Notebook

- 1. Formative assessment
- 2. Opportunity for one-on-one interaction
- 3. Great opportunity for modeling
- 4. Differentiation



Direction Handouts on the

ISN Website

Interactions

So, what are "interactions"?

Interactions Chart for your Interactive Notebook

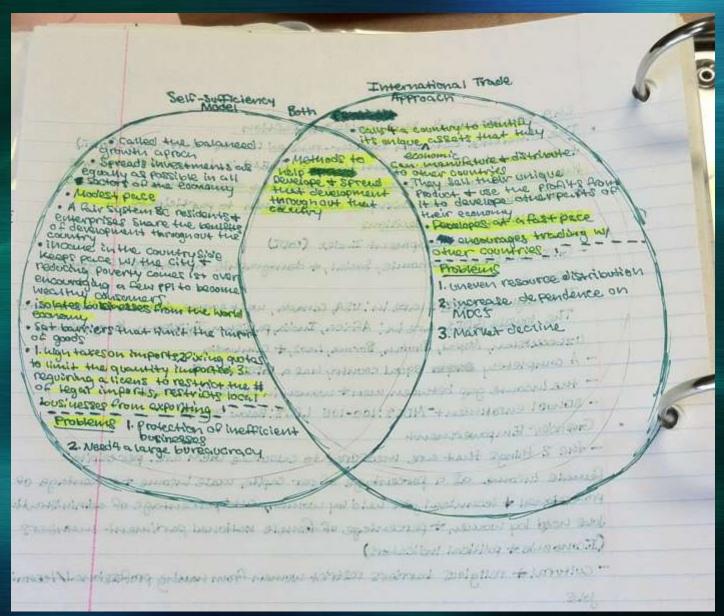
Star (Creative, Artsy)	Circle (Big picture, connections, review)	Square (Charts and Tables)	Triangle (Analysis, Synthesis)
A. Pictures with descriptions	A. Connections to outside world	A. Create a Map	A. Textbook Examples
B. Collage	B. Connections to your own life	B. Analyze Map	B. List of Review Questions
C. Book Cover	C. Connections to Vocab	C. Label Map	C. Article Analysis
D. CD Cover	D. Reflections	D. Concept Map	D. Paraphrase notes
E. Illustrated Definitions	E. Connection to current events	E. Flow Chart	E. Additional Examples
F. "Pictowords"	F. Examples of	F. Annotated Map	F. Perspective Piece
G. Postcard	G. Review worksheet	G. Timeline	G. Corrections
H. Comic Strip	H. "What if?" Statements	H. Graphic Organizer	H. Brainstorming
I. Political Cartoon		I. Venn Diagram	
J. Propaganda Piece		J. Compare Maps	
K. Song Lyrics		K. Spoke Diagrams	
L. Mnemonics		L. Spectrums	
M. Facebook Statuses			
N. Tweets			

AP HUMAN GEOGRAPHY EXAMPLES

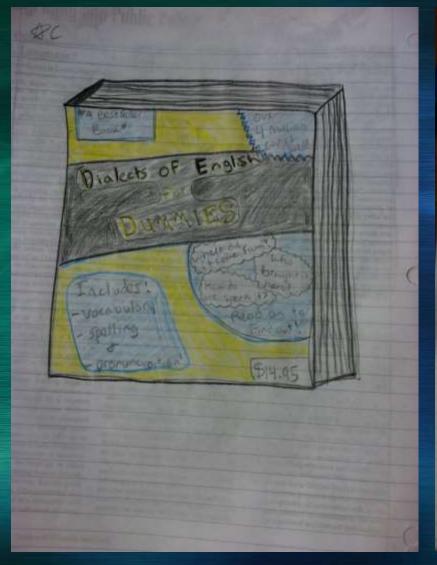
Comparisons

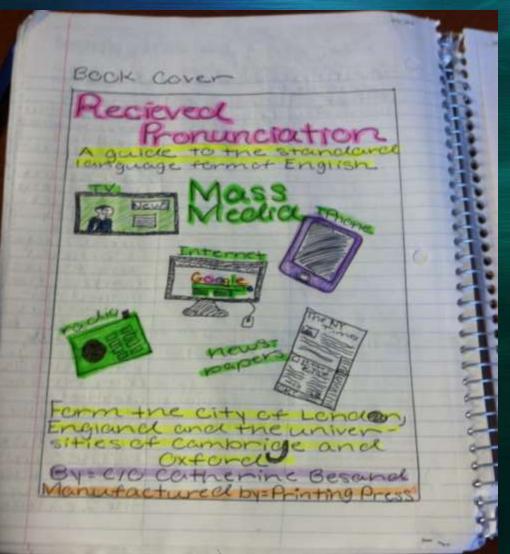
DECEMBER 5, 2013 **POWERPOINT NOTES** 1. CHILDWING - DOUNDAVIES HARRE STATES Federal State A Unitary State highly committeed government where the capital day serves as a focus Unitary State · Organized into CIVIL 1 A country where the capital is exerciated with the core and all power is · CAIPITAL CITY IS FOCUS OF tertitories concentrated in a Single piece, the capital Divisions ·Spit power between CENTRALIZED poterment, relatively few internal contrasts and a strong stress of extend strong power. · little or no seperation of central and provincial gov * France meny independent strites, power - France, China n Federal State a government where the state is organized into territories which have CONTOL over government policies and fursts 1. Power is SWAYBO between a central government and the governments of centripetral forces (Centripetral Centrifyaal forces 2. Acknowledges and gives some powers to its constituent parts, have strong · Things that hold YEGIONAL poverment responsibilities dud ·Things that divide or 3. One result of federalism is to leasen public support for something so tedical as a country together centy ituaal tear a country apart secession win Canada · promote national units -also called Devolutionary 4. emmun U.S ·ex-strong leadership, s exemple Canada ·ex — ethnical, religious, or 6 example Australia education, external threat linguistic differences Centripetal and Centrifugal Forces A Richard Hartshorne, a leading polymeal geographies described CEVHY Petral Forces as threes that tund or hald a mation together is presented antiponal unity is SHTONG leader Ship - Charismatic leader : External threat · Education . I deology - fascism, communism, or democrary + polisical away · Federal - core and capital movement or disculation ELONOMIC DOWN are not always linked is CENTY (FUGAL FORES are things that that divide or sear a state apart is new · In the center provides 1 exhaic or cultural differences · largest cities Educal access to government most developed economic communication, and enables : religious differences loase, devisest population authority to be exerted · linguistic diversity DEST HURISPOVEDELOW · coin loe moved from one · economic dispanity · MULTICORY - WHOLE than one location to another to acturence sentitudity - physical occomposical differences · Not all countries have a sove, ex-circul capital is usually in core

Venn Diagram

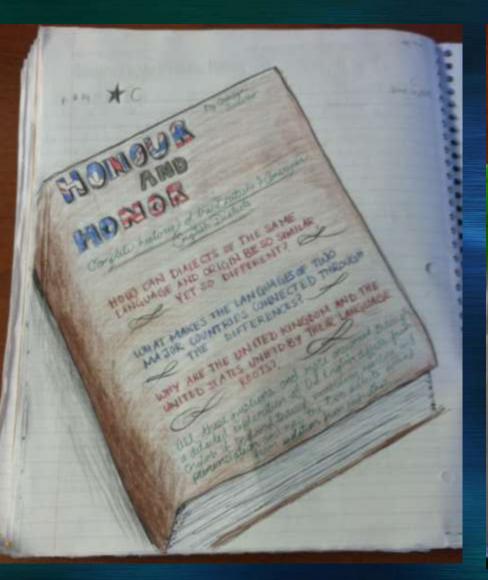


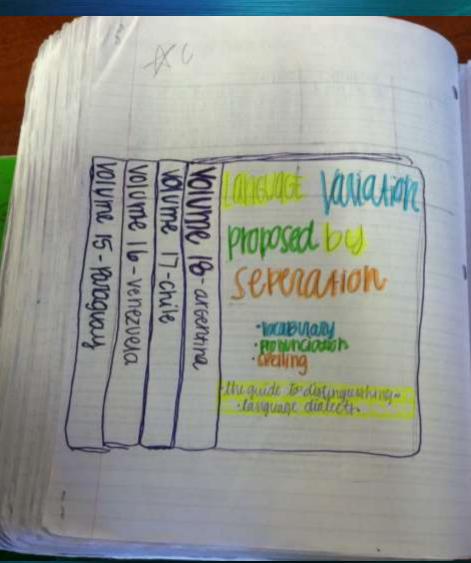
Book Covers



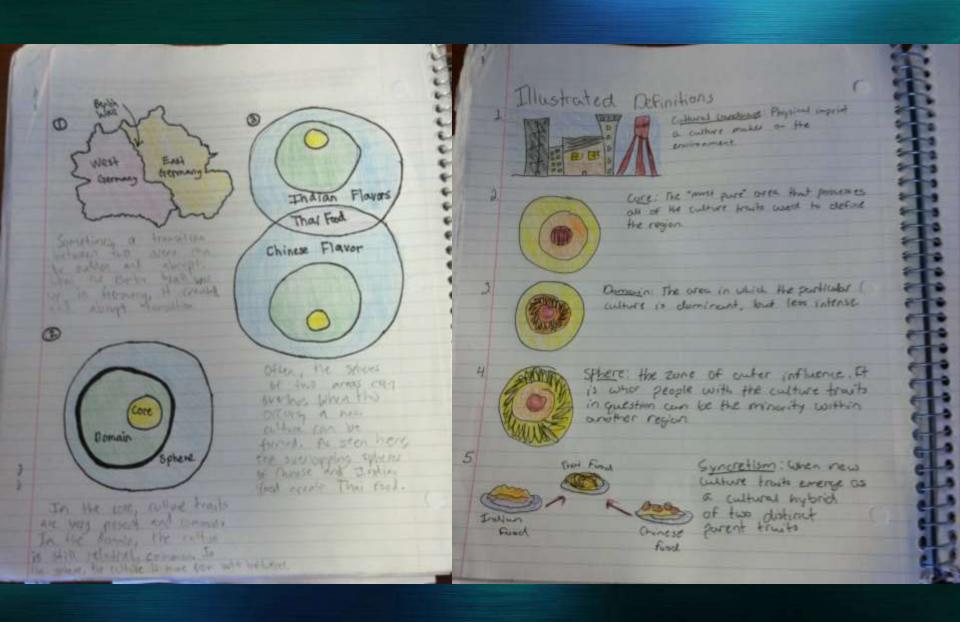


Book Covers





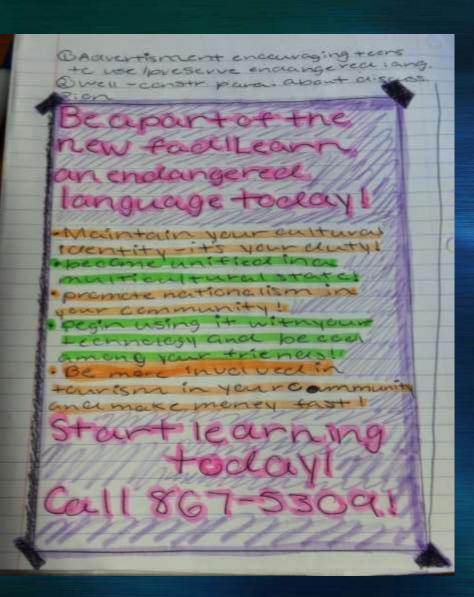
Illustrated Definitions



Concept Map

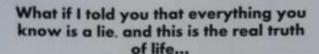


Advertisement





Advertisement



Well, now that I've got your attention, let's get to what actually matters. Preserving Endangered Languages.

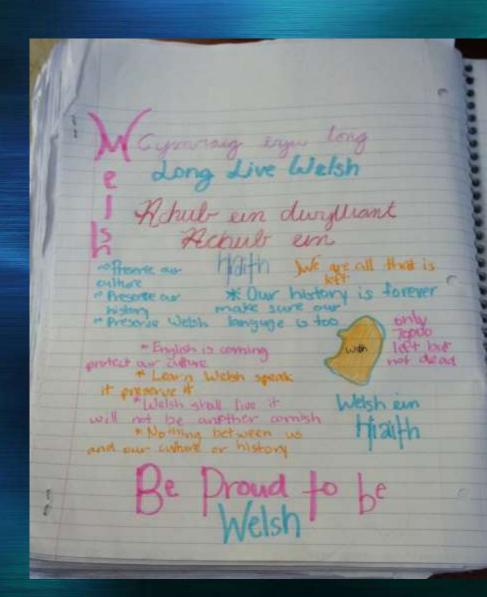
Here is all the tasty things they do for people

- . Maintain cultural identity
- Mointain separate identity
- · Promote unity in a multicultural state
- · Promote a sense of nationalism
- · Improve modern technology
- . Gain tourism

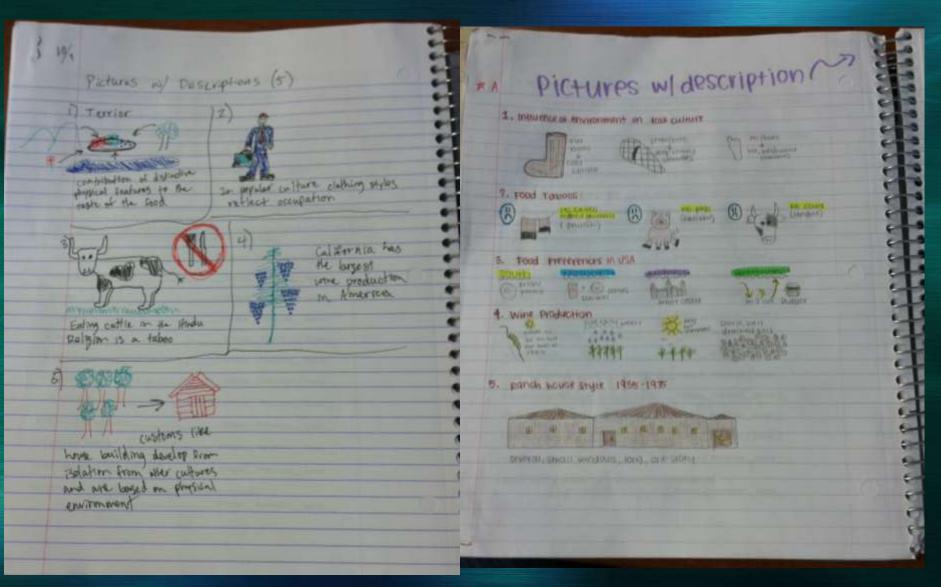
So if you like:



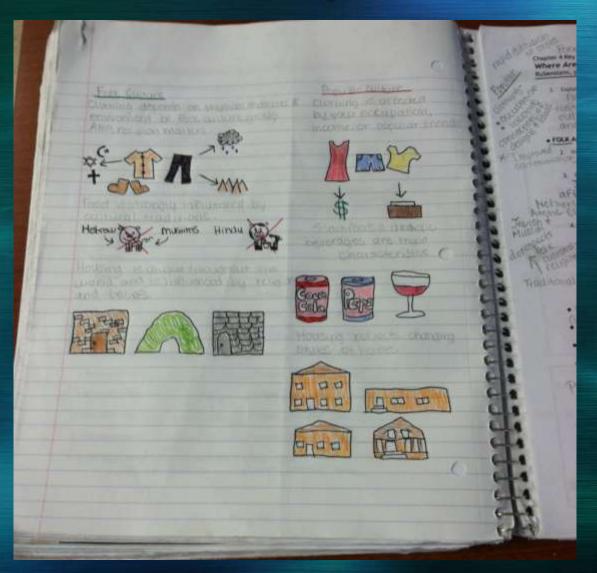
Then let's preserve endangered languages



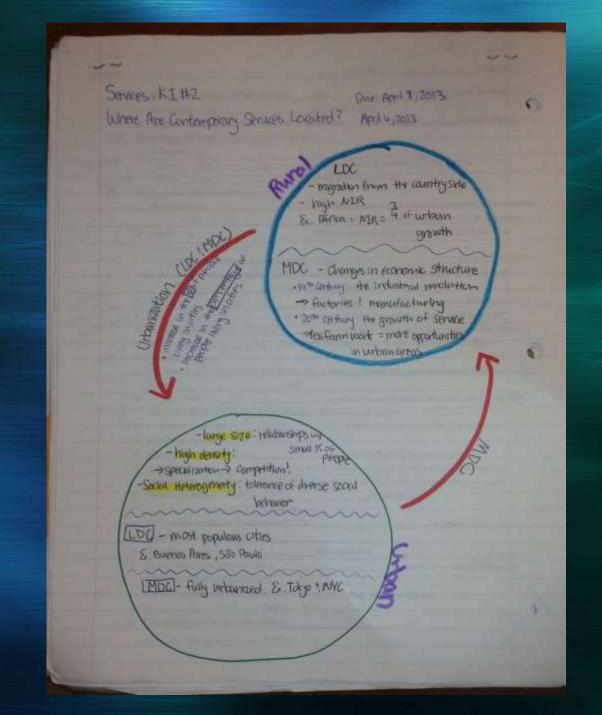
Pictures with description



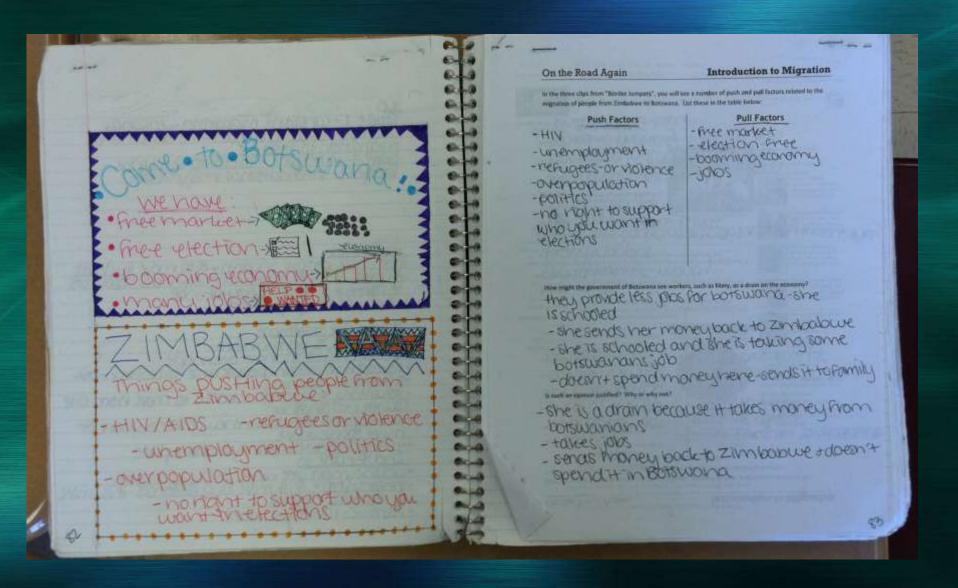
Pictures with descriptions



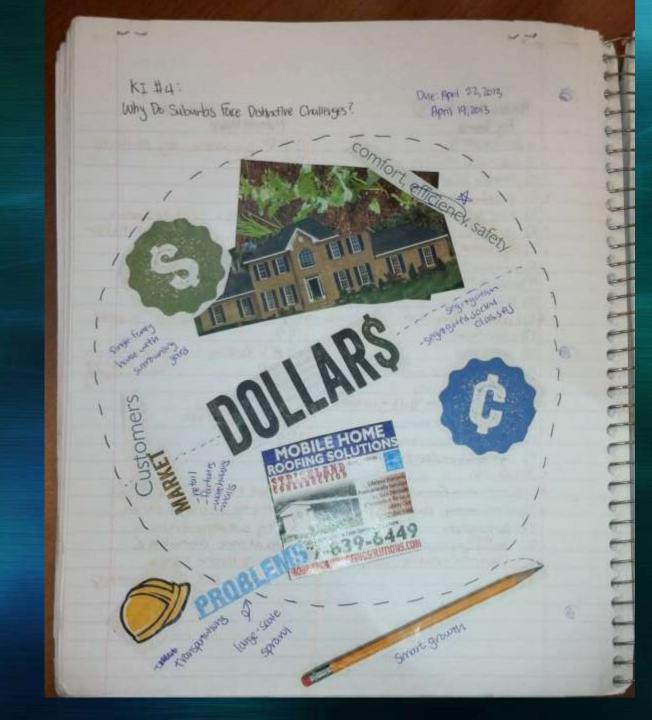
Graphic Organizer



Postcards



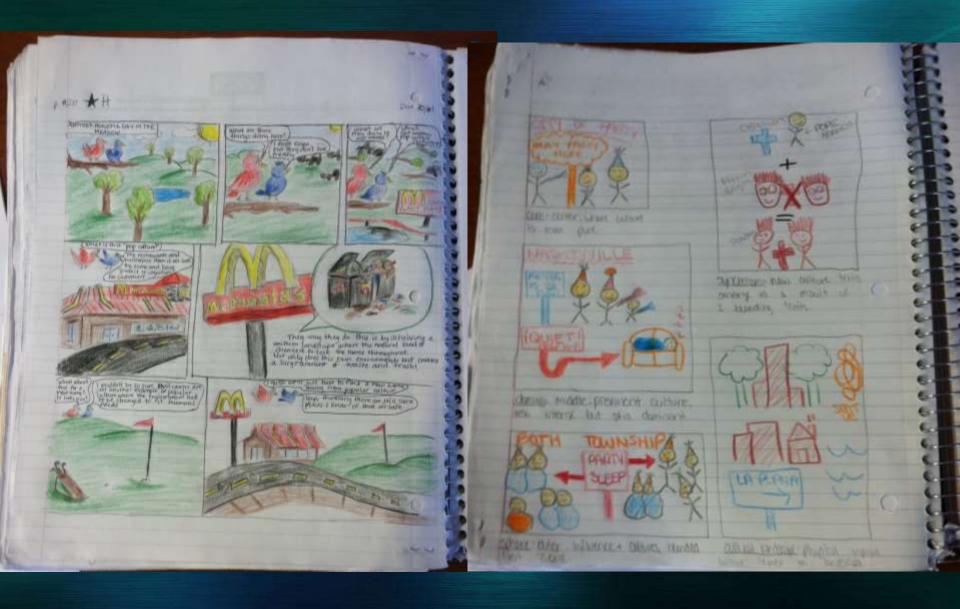
Collage



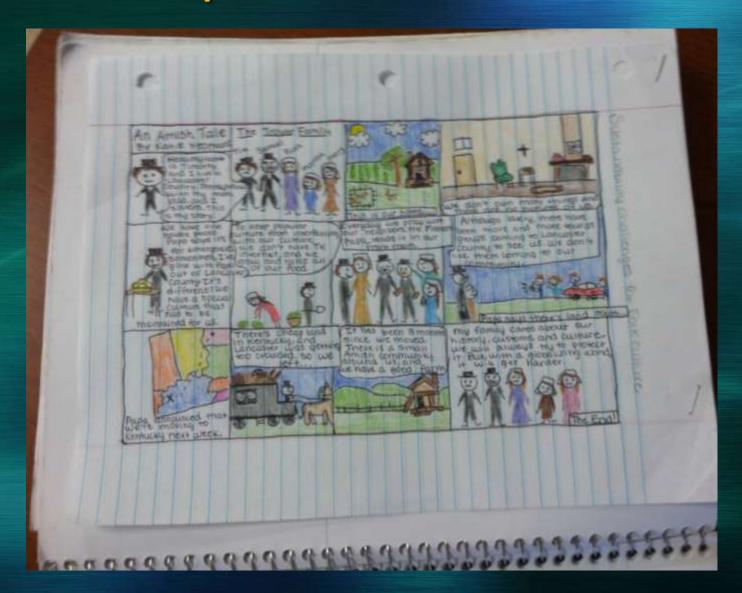
Annotated Map



Comic Strips

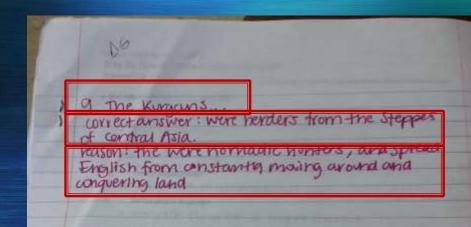


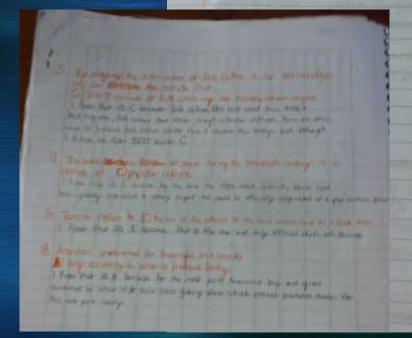
Comic Strip



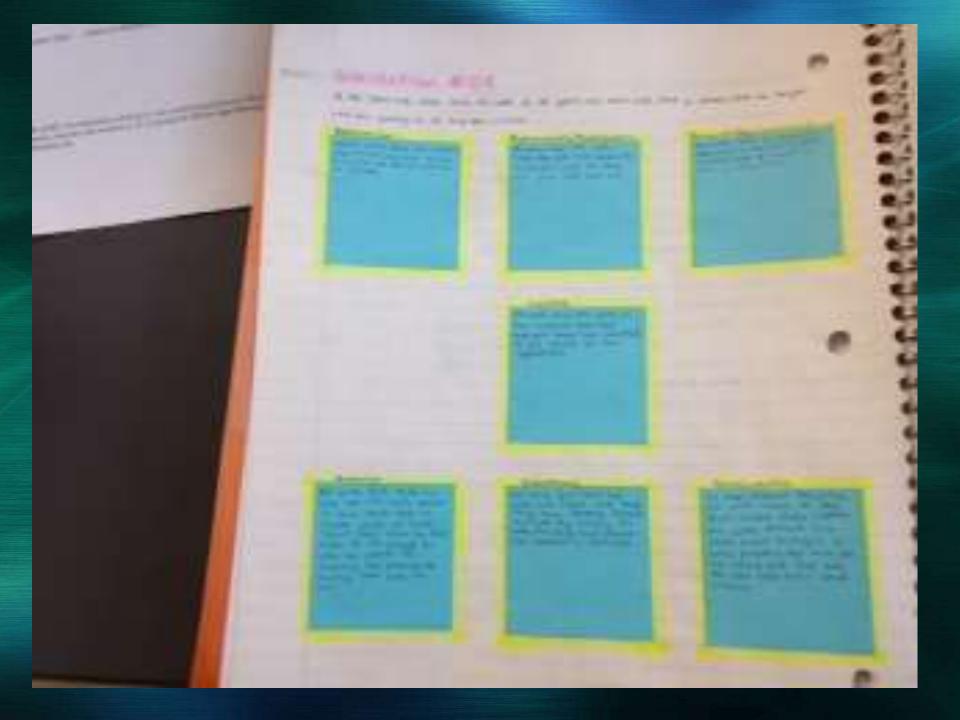
QUIZ CORRECTIONS

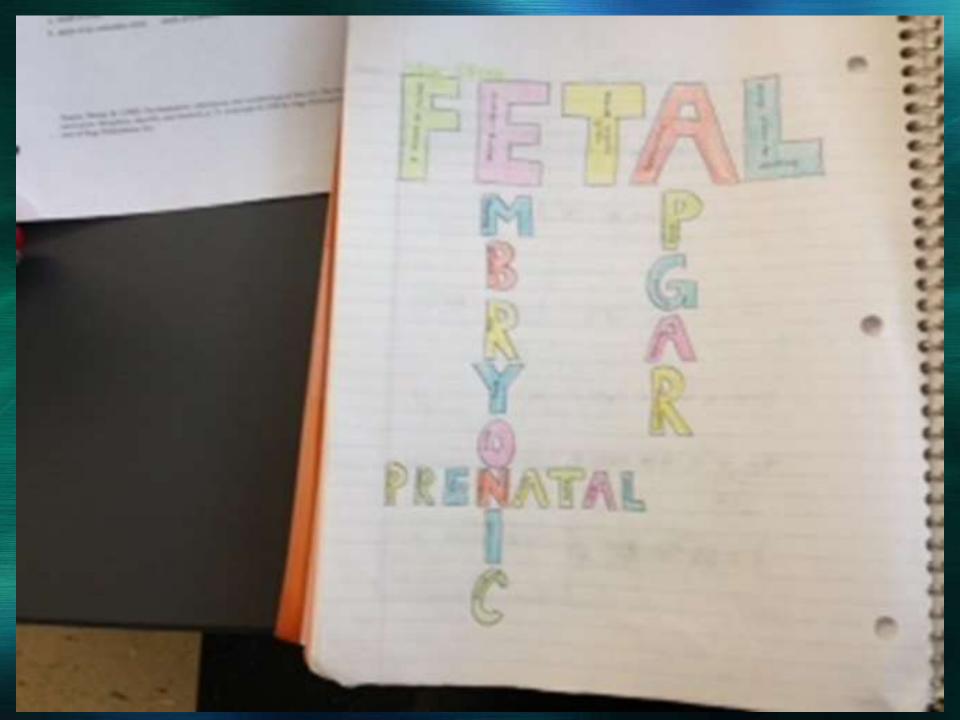
- The entire question
- The entire answer (not just the letter)
- Reason why it is correct

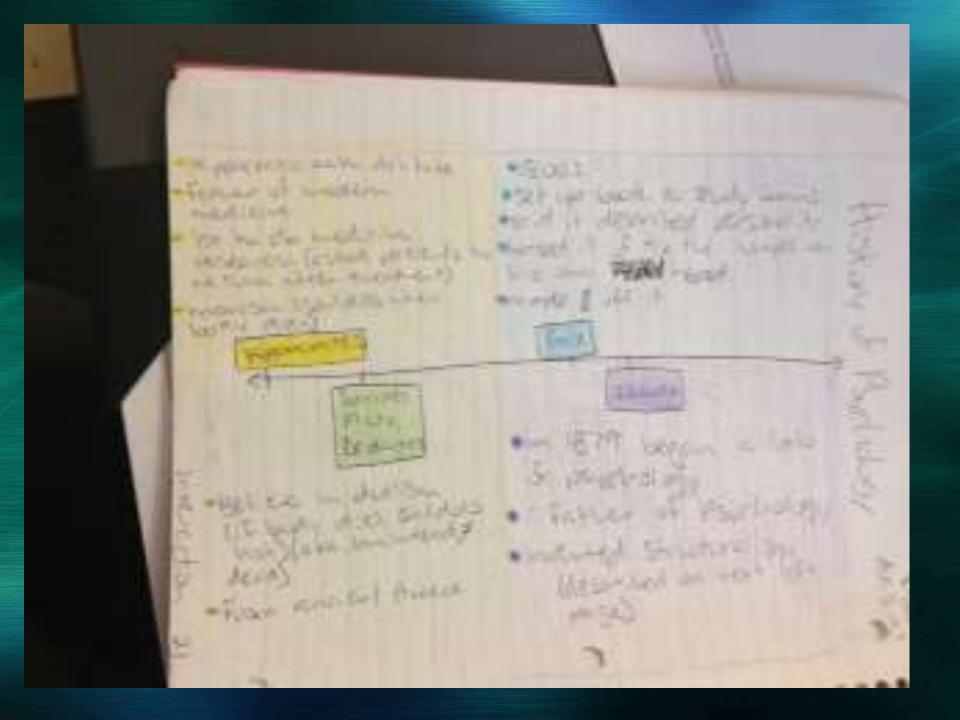




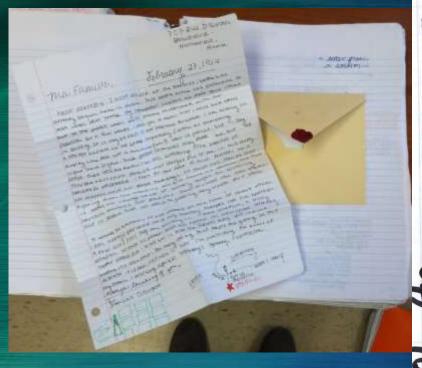
Examples from other grades and subjects...

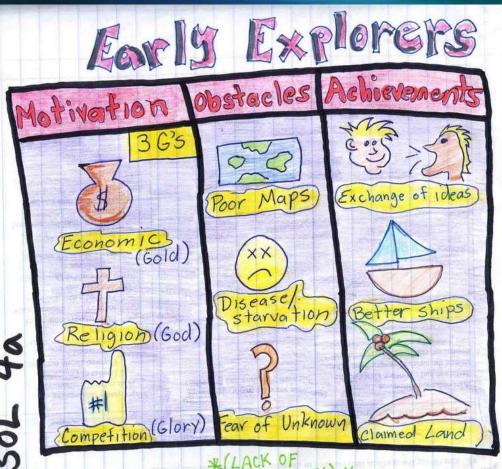




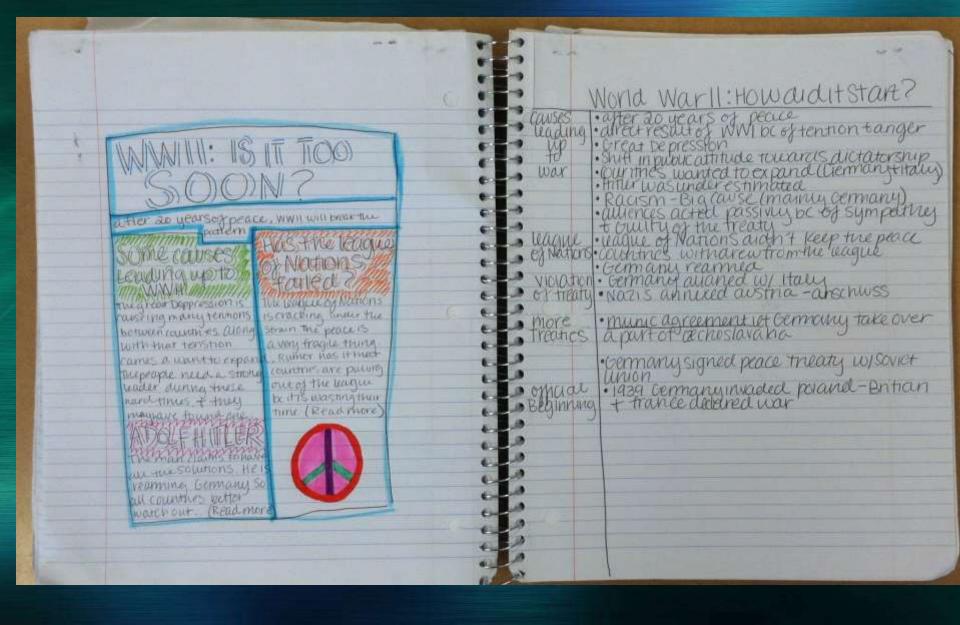


World History

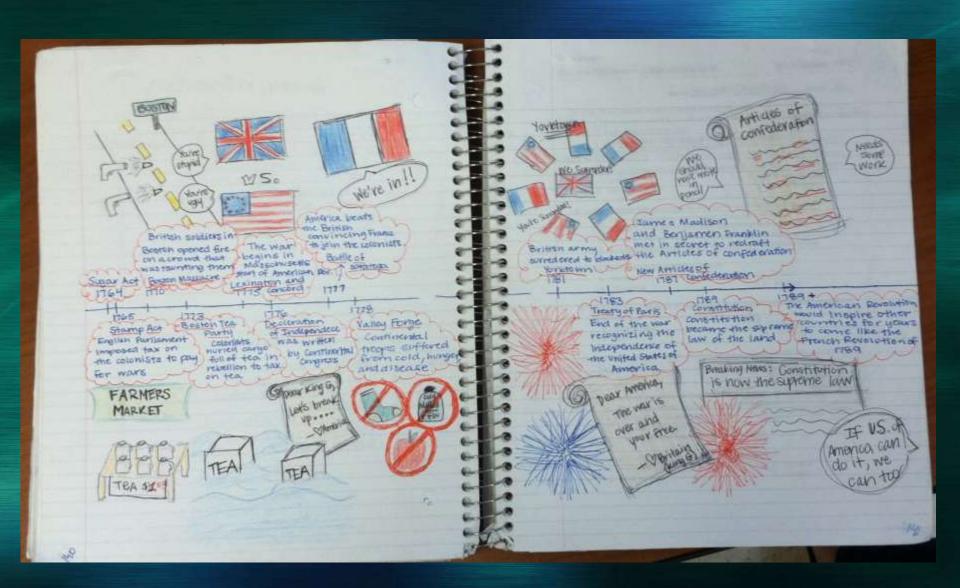




Front Page of Newspaper



Illustrated Timeline



Primary Source Analysis

Class

COMPARING DOCUMENTS

Declaration of the Rights or Man and of the Citizen **Declaration of Independence**

Similarities: Both Easy they have right to liberty.

Min men are both teek represent the process of the characteristic common process of the common content of the common common

Differences: property and

that rights and duties in a abcoment it reminds the citizens what they con and can't do

religions his for the exectly of the citizens.

but are responsible for the

- nancessed to france

Differences: 11 the and happeness. 11 the and happeness. 11 the and happeness to declare the property of the state of the

uariam Fakhar

Declaration of the Rights of Man and of the Citizen

Approved by the National Assembly of France, August 26, 1789

The regressitatives of the French people, organized as a fractional Assembly, believing that the store are region of the regres of most are the open bases of gath calculation and of the corresponding of the correspondin

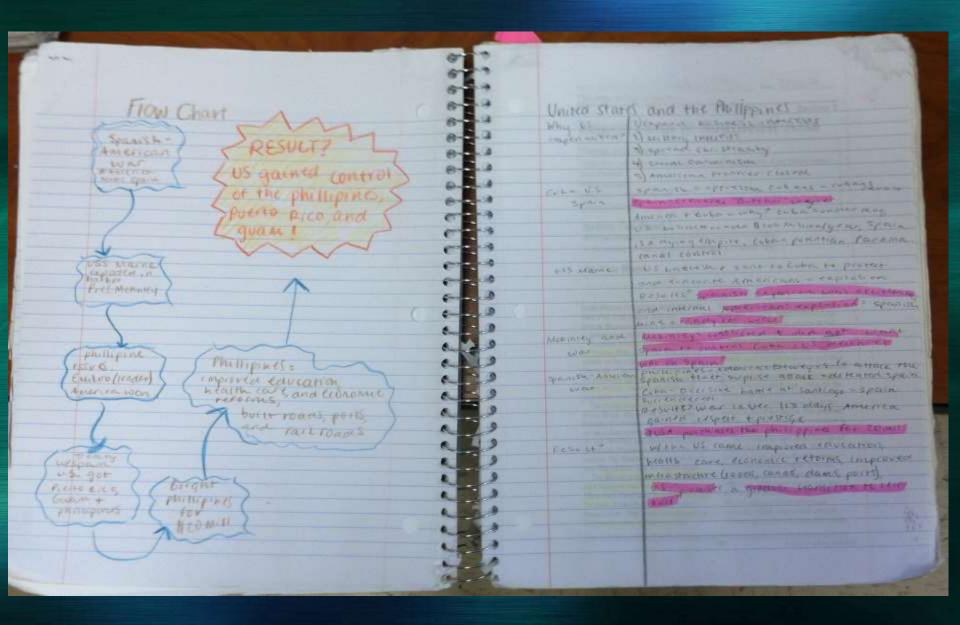
Therefore the National Assembly recognizes and proclaims, in the presence and under the asspices of the Supremy Seing, the following rights of man and of the citizen:

Articles

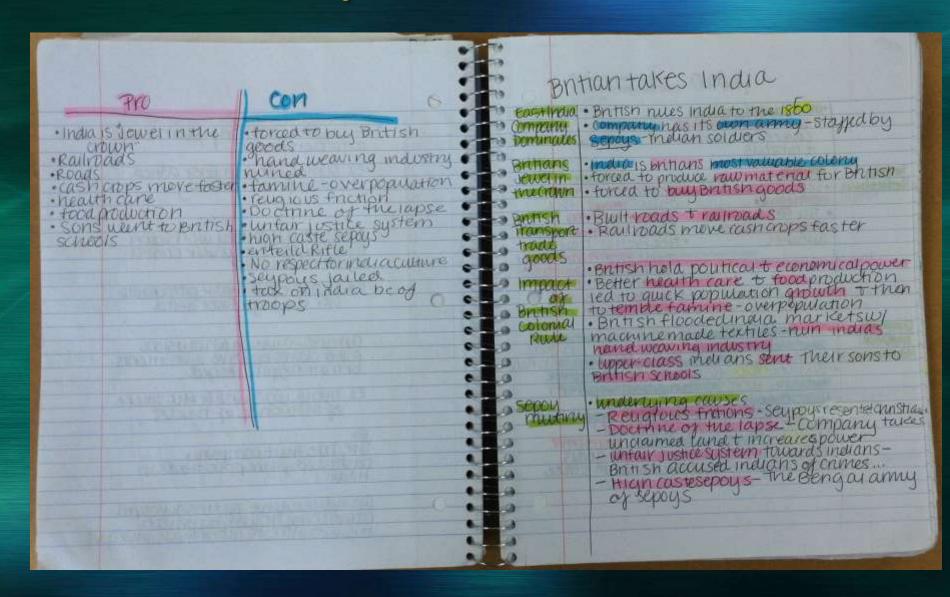
- More are born and remain free and equal to rights' social distinctions may be founded only upon the general good:
- only upon the general seed.

 2. The and of all justical stood seed is the preservation of the flatural and general seed in the preservation of the flatural and general seed in the preservation of the flatural and reconstance to oppose one
- The principle of all coveraignty resides essentially in the nation. No body nor inclinidual may exercise any authority which does not proceed directly from the nation.
- 4. Liberty consists in the freedom to do everything which enjures no one else, hence the exercise of the natural rights of each man has no limits except those which assure to the other members of the society the enjoyment of the same rights. These limits can only be determined by law.
- Law can only prohibit such actions as are huntful to society. Nothing may be prevented which is not forbidden by law, and no one may be forced to do anything not provided for by law.
- 6. Law is the expression of the general will. Every citizen has a right to participate personally, or through his representative, in its foundation, it must be the same for all, whether it protects or punishes. All citizens, being equal in the eyes of the law, are equally eligible to all dignities and to all public positions and occupations, according to their abilities, and without distinction except that of their virtues and talents.
- 7. Surperson shall be account, errested, or impressed accept in the cases and according to the forms prescribed by law. Any one sufficient seasonttion, executing or causing to be executed, any arbitrary order, shall be succeeded, but any others summoned or arrested in virtue of the law shall submit without delay, as resistance constitutes an others.

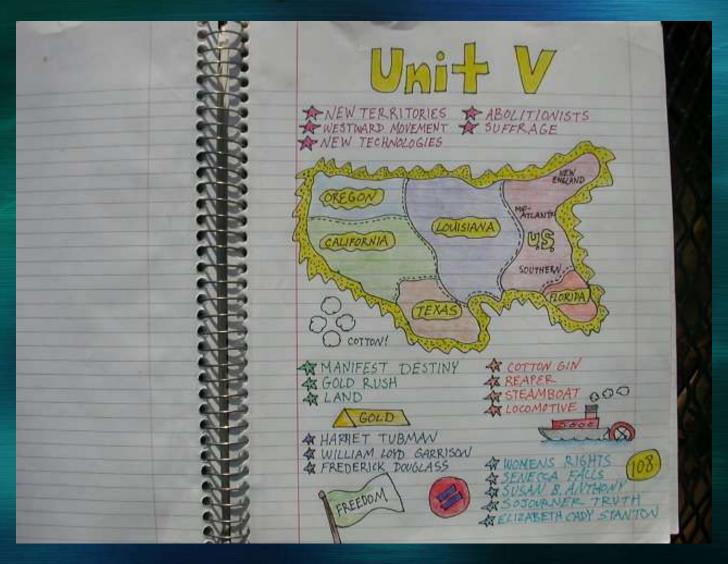
Flow Chart



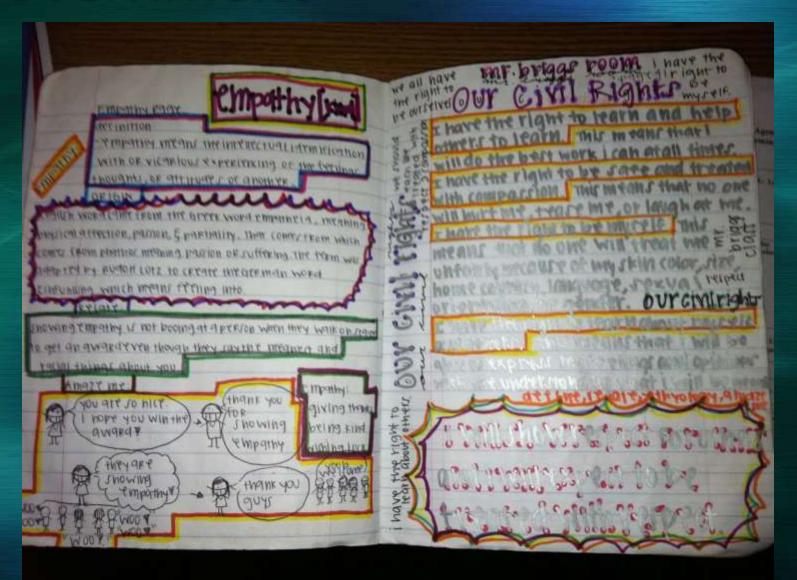
World History



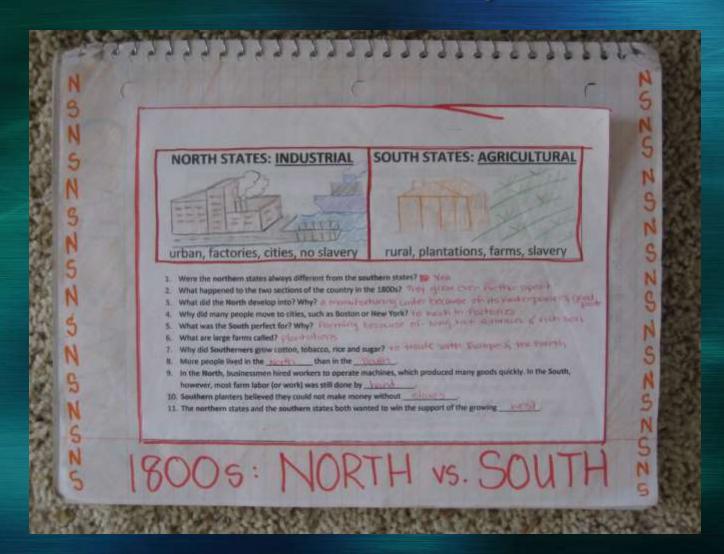
World History



Government

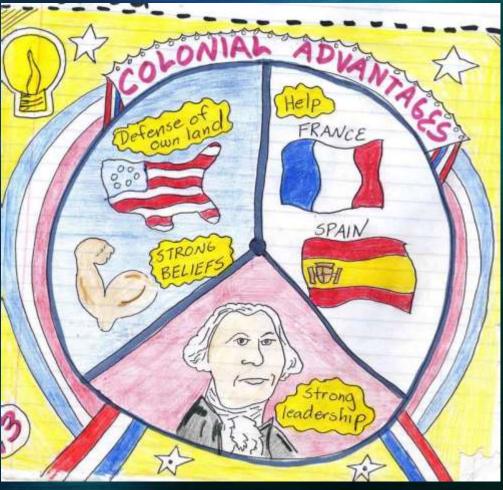


United States History

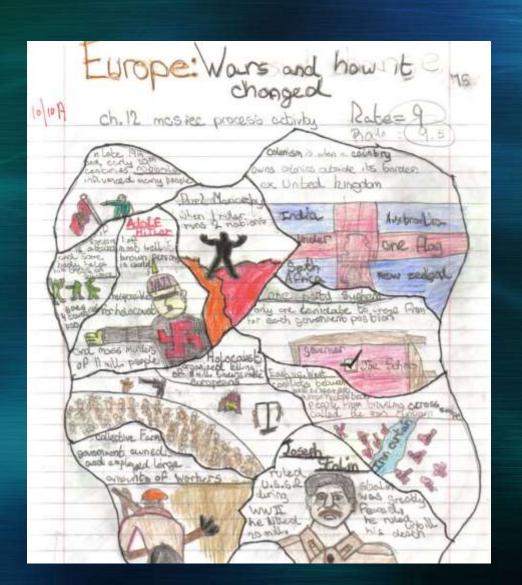


Middle School Social Studies

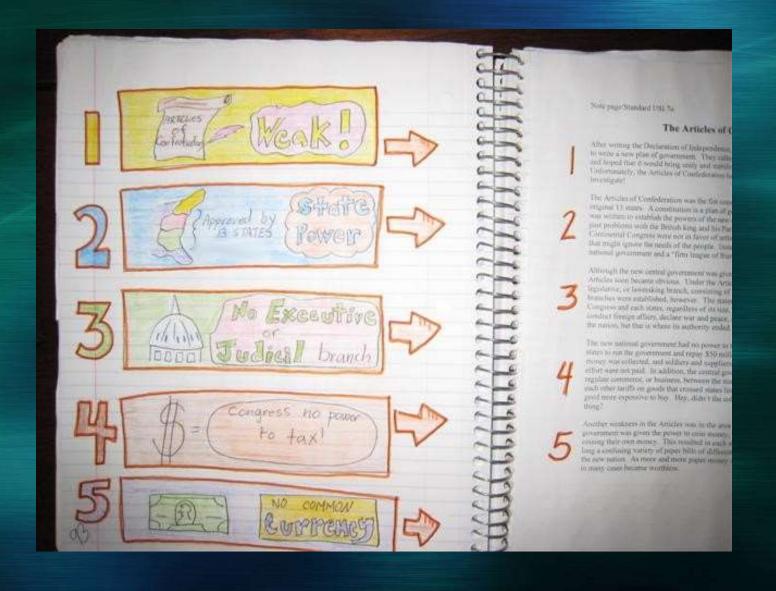




World or European History



Government



Ideas that work in any class...

- 1. Entry/exit slips
- 2. Reflections on assignment, activity, homework
- 3. Connections to the real world, personal life
- 4. Questions about the lesson
- 5. Summary
- 6. Student examples
- 7. Summary of a think-pair-share activity

Internet examples from many classes

Create interactions that will work in your content area:

- 1. Peruse the notebooks laying out on the tables
- 2. Think of a specific interaction that would work well for a lesson or standard you teach
- 3. Write your ideas on your group's poster paper

1. Teaching students how to use the ISN takes a lot of time at the beginning of year, at least a month

(think of this as scaffolding)

2. Staplers work better



3. Notebook:

Mead
COLLEGE RULED
5-Star
5-Subject
9" x 11"



4. You MUST figure out a way to grade that is effective for YOU— tailor the ISN to your teaching style and time availability.

5. Color

- Not about artistic value, but creating meaning
- DON'T FOCUS ON PETTY ISSUES, remember the big picture

What Students have to say...

- Doing more hands on activities and creative things helped me more because it is harder for me to just read and take notes.
- I think the interactive notebook was most helpful when the interaction involved pictures. In the activities where we had to find pictures or draw pictures it always helped me remember the information better.
- It was like having an already filled out study guide every test
- its much easier than carrying a binder and you have everything in there and stapled so you don't loose it
- it was ok
- Going back in it to fill in my study guides was very helpful at the end. I think the interactions didn't help me very much though.
- Everything was always organized and right where I needed it. It made studying a breeze.
- It helped me stay organized and i didn't feel overwhelmed. We could review at any moment in time.
- interactions help create a mental image
- Kept life in this class very organized. I had everything in it, in order, so I wasn't scrambling before tests trying to find everything.
- It was a creative way to remember information. It was organized and centralized and helped me keep information I needed throughout the year.
- Looking back at interactions because they outline and display ideas and info in an easy way for studying
- Nothing really. The interactions kind of took up my time

What teachers have to say...

- The kids remembered the material better!
- Students were accountable for their practice and use of class concepts.
- I liked the "forced" organization, as well as the idea of getting students to use their notes to make them meaningful to them. I loved that students had to take everything a step further in making their learning useful and meaningful to them. It also easily allowed me to identify areas of improvement based on the quality of their interactions.
- The organization. Students knew exactly where everything was for every chapter. The other thing is it significantly cut down on the grading I have to do. I was not collecting and handing back papers on a daily or even weekly basis. It was a one-time collection every few weeks.
- Like that it incorporated their knowledge with their notes, provided accountability to take notes
- It gave the students a chance to creatively interact with their notes and synthesize the information into something that makes sense and into something that they will remember.
- I liked that it kept the students organized, and that their notes were right there when they did their homework.

What teachers would change...

- I would keep track of the different items I asked them to write in notebook in order to make checking them easier.
- I would stress the importance of a 5-subject notebook more, as well as the need for a mini stapler. I would also like to get more ideas for useful interactions to keep things "interesting and new".
- I am working on gathering class reviews to see what I might change; one may be that rather than students doing their own interactions (not directed by me) have them summarize their nightly reading.
- The only way I plan on changing next year is to look into possibly doing a separate notebook for section vocab/questions because most students had to use two notebooks this year.
- I will work next year on a description for all of the interactions that I will give to make them a little clearer on expectations.
- I'll be doing something very similar next year, but I'll be using a 3 ring binder instead.

 Everything will be in the same order as I did this year, but I give note handouts 99% of the time, so I felt I was wasting the actual paper
- I'm going to use the same idea, but with a 3 ring binder next year. That way I don't waste the spirals paper, and they will all be the correct size
- find a way to make it manageable eliminate some interactions
- Like I said above, I felt pressure to do a comprehensive check at the end of the unit or quarter, but that felt overwhelming to me, logistically. I do quick checks on a frequent basis, and never take the notebooks up from the kids. That's been a positive change for me.

Individual Application

Questions?

Feel free to contact us!

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