

The Hidden Curriculum

Quickwrite Questions:

- How did you learn the skill of note taking?
- How did this skill contribute to your success?



Why take notes?

 Cornell note taking stimulates critical thinking skills.

 Note taking helps students remember what is said in class.

 A good set of notes can help students work on assignments and prepare for tests outside of the classroom.

Why take notes?

- Good notes allow students to help each other problem solve.
- Good Notes help students organize and process data and information.
- Helps student recall by getting them to process their notes 3 times.



Writing is a great tool for learning!

History of Cornell Notes

- Developed in 1949 at Cornell University by Walter Pauk.
- Designed in response to frustration over student test scores.
- Meant to be easily used as a test study guide.
- Adopted by most major law schools as the preferred note taking method.

Topic

First & Last Name
Class Title
Period
Date

Questions, Subtitles, Headings, Etc.

Class Notes

2 1/2"

3 to 4 sentence <u>summary</u> across the bottom of the **last page** of the day's notes

Student Example

the American Revolution What trenton - Dec 26, 1776 What happened to - surprise victory for hose has prisoners of mar? Princeton - Tour 3 17177 - another imp. victory For washington Brandywine - Sept 11 1777 - Entry inclusy - bod loss for publiking to simply Mat happened to - sept 10 and Oct 7 17 - generals at serrologis: What happened to - American some vals were planning to general forms - Breath Arnold - Dutted Margan - Entre in generals: - John Burgane's army! - Ferren john the American were planning to - Sept 10 and Margan - Entre in generals: - John Burgane's army! - Ferren john the American were plan to the American - Third Margan - Entre in generals: - John Burgane's army! - Ferren john the American werenyes	ent	Battles	ot ot
what happened to The Hessians taken as prisoners of mail and map Princeton— Brandywine— Sept II, 1777 Entre melony bad loss for washington army Saratoga— Sept II and Out 7, 17 Entre other two British armies that were planning to join Burgane's army? - Entre of second and control of the male	2411	Time Ame	rican Revolution
the Hessians taken - suppress victory gave policies as prisoners of mar? Princeton - Ton 3 17/17 - another imp. wickery for which makes Brandywine - Sept 11 1777 - Entre in relay - board loss for which had a may be a made of the original services of the other two - American actions at the other two - American actions that were planning to - But and Margan -		WEATEN -	- Co al
Princeton- Princeton- Brandynine - Sept II, 1777 Entre in include the particle of the princetory of	68)	what happened to	
Princeton- - This still another imp. wickery for whether imp. wickery whether imp. wickery for whether imp. Sept 11,1777 - Entern modern man for the same of the same o		THE HESSIANS taken	TOWNS TO THE PARTY OF THE PARTY
Princeton— Ton 3 17/7 - another imp. wickery for Washington Brandynine— Sept 11, 1777 Entreh inclosed - bad loss For Washington army - bad loss For Washington army - sept 10 and lost 7 17 - generals at carologa: - the other two - Angelson a sort vals endence pain Burgaines army? - build Margan - butter for the margaines - tames generals: - tames generals: - tames generals the Army - Forder jobs the Army - Forder		as prisoners of war	? and invol
Brandy Nine - Sept 11, 1777 Eviron inclusive - board loss for Washington army dess Saratoga Sept 10 and Oct 7, 17 - Generals at Saratoga: - Not accorded barning of the other two British armias that - Harato Graus endence join Burgane's army? - Burd Margan - Evital generals: - Tental gen		Princeton	
Brandy wine - Sept II 1777 Entre inclosed Brands go - Sept 10 and Oct 7 17 Surato go - Sept 10 and Oct 7 17 Surato go - Sept 10 and Oct 7 17 What happened to two carologa: The other two - Anguina act carologa: Entre of the format that were planning to build Margan Entre of the war. Formal games act the war. Turned generals: Turned generals: Turned generals: Turned generals: Turned generals: Turned generals:		THICOTONI-	= Don S, m1/1
Brandynine - Sept 11,1777 Entre included to best for washingto army Most happened to the most careful as the formula of the miles that were planning to pain Burgaines army? - turns gent in the war formula armond a formula in the war formula army? - turns gent in the war formula armond a for			CONTOLINE WAS ALL OF THE PARTY
Sept 11,1777 - Entre in actory - book loss for inhabiting to surry Mat happened to - hot create harming British armines that were planning to pain Burgaines army? - build Magan			Woshington .
des Saratoga - Sept 10 and 10ct 7 17 Most happoned to + Not Greene harmon of the other two - American source value were planning to join Burgaines army? - Durid Margan - Enthal generals: - turning part in the war - French join the American of this American		Brandywine -	- Sept 11 1777
Saratoga - Sept 10 and Oct 7, 17 Mat happened to - Mor Greense hashing of the other two - American a control can be excluded. What happened to - Not Greense hashing of the other two - American a control can be excluded. Were planning to - Beredet American according to - Duild Magan - Enterly agreembs: - turning goant in the warreness of this American			- British andone
Saratoga Sept 10 and Oct 7, 17 - Generals at Saratoga: The other two - American acres vals extlance join Burgaines army? - Duild Magan - Burdan Burgaines army? - Turning gant in the war - Fending the American - Fending the American - Fending the American - Fending the American			- book loss for wanter-
Saratoga - Sept 10 and 10ct 7, 17 What happened to the other two British armines that were planning to pain Burgaine's army? - Durid Margan - Earth Burgaine's army? - Tenthall generate: - turning paint in the war - French join the America			- String
Mat happened to the other two - Anglicon acres having British armies that - Haratia Graha were planning to - Durid Margan - Durid Margan - Durid Margan - Durid Margan - Enthus green as a - turning goat in the war - Economy join the Armie - Economy join the Armie	d	Sacologia	and the same of th
Most happoned to + Not Greenge Northing the other two - Anglicon a control value of this harmon a control of the other two forming to pain Burgaines army? - Durid Margan - Enthal generals: - turning generals:	Maress	Saidioda -	- Sept 10 and Out 7 1777
Enthish armide that were planning to pain Burgaines army? — Durid Margaines army? — Durid Margaines army? — Turning generals: - turning generals in the war of this American	N. Telling	What happoned to	The state of the s
pritish armias that vere planning to prin Burgaine's army? - Burd Margan - Franch gain the Margan - Franch gain the American		the other two	
- Durid Margan - Durid Margan - Enthall agree ab : - turning spect in the war - Erondh join the Aronin arms of this America	-	British armies that	- Horota C
- Enthall Acquain - Enthall Acquain - Enthall Acquain - turning quat in the worr - Economy for the Aronin - Economy of this - Economy of t	and a see	were planning to	the first control of the control of
- John Borgora - John Borgora - tarming general in the war - French gain the Aran - tarming at this Aranica	DER ANGILE	1014 Rundongs orway	Little Charles
- turning spect in the work - French john this America			= D(((1))) Opening of a
License of this America			- John Burgaine
License of this America			- training count in the moir
+M+2 000001Co2			
			# M
			The same of the sa
	1000		4

Student Example

	The War at Sea -	- John Paul Jones
15		- famore for wanning
4 died		important benefic against
		- Bartish watering
	Compens -	- Highting moves from the
	Why did the fighting	DRYMAN CENOCICE LAWRE
	Move ?	rectinacy bytones 12
auto of	Alman	
autie str	Horktown -	- March mayor be talk of
		MITE Amorton rentalulation
U Frige		- Gien. Com wallis surrendos
THOUSE IN		- PERCULPINA VALUE AND
rossi -		- Danch Nato the Authority - Oct. 19, 1191-2007 and
		- Oct. 19th Hill Explication of the
	Those books of a	
	Word imperhant to pain	he American Revolution were
	er anomic persons	ing our independence. The
	was sometimes were	s that the continental Army
nest	get Figures has the	on Constitution and had to
tans.	was that victories of	m Congress The social aspect the American soldiers
	MORE EVEN HOUSE THE	y had a very rough time, and
-4-	that women also also	yed roles in the way, like
	Molly Piteliar The politic	cal aspect was that at
	The state of the s	Has Ereade home and allege
	the buttle of Societand	
in O	the botthe of Saratogo	d broad them to the
Raj (P)	with the Americans of	ia helped thum to win the war
ne.	with the Americans of The political aspect w	and gained their independence

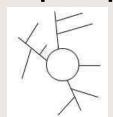
Subject: Why take Cornell notes?

PROCESS (output)

How can
Cornell notes
help me
organize my
ideas?

Which side for diagrams?

Why use concept maps?



What are the benefits to me?

Main Ideas (input)

Date: 11/20/01

Can be used to provide an outline of chapter or lecture. Organized by main ideas and details.

Can be as detailed as necessary.

Sequential- take notes as they are given by instructor or text in an orderly fashion.

After class, write a summary of what you learned to clarify and reinforce learning and to assist retention. Can be used as study tool:

- 1. Define terms or explain concepts listed on left side.
- 2. Identify the concept or term on the right side.

Can be used to provide a "big picture" of the chapter or lecture.

Organized by main ideas and sub-topics

Limited in how much detail you can represent.

Simultaneous you can use this method for instructors who jump around from topic to topic.

After class, you can add questions to the left side Can be used as a study tool to get a quick overview and to determine whether you need more information or need to concentrate your study on specific topics.

Subject: Notetaking Date: 11/20/01

Summary:

There are a couple of ways that you can take notes. The Cornell method is best when the information is given in a sequential, orderly fashion and allows for more detail. The semantic web/concept map method works best for instructors who skip around from topic to topic, and provides a "big picture" when you're previewing materials or getting ready to study for a test.

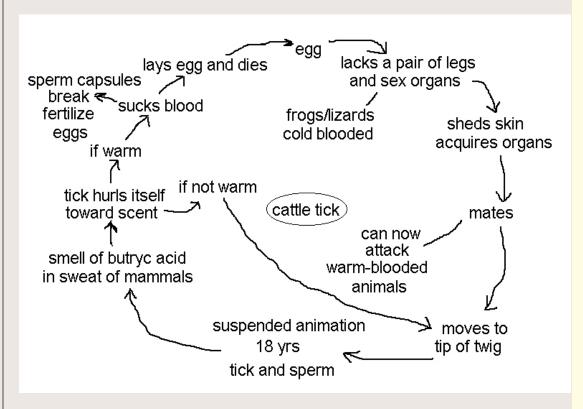
- •Summary is added at the end of ALL note pages on the subject (not at the end of each page)
 - •Summary added <u>AFTER</u> questions are finished



(Questions about it)

- How do the ticks find the cattle?
- Why don't the ticks usually kill their host?
- How could tick infestations in cattle impact humans?

(Diagram copied during lecture)



Practice Time

Let's get out a
 sheet of Cornell
 note paper and
 get ready to
 practice the skill.



 In the large, right hand column, take notes like you normally would.



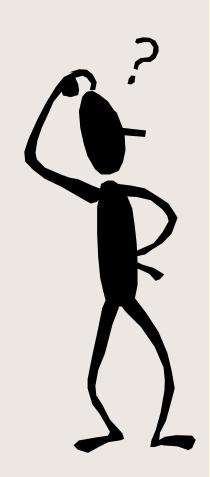
- You may use any style of notetaking you wish:
 - outline format,
 - -narrative format,
 - -symbols,
 - -short hand, etc.

Compare notes with a partner.

 Talk about what you wrote and why. Look for gaps & missed info.

 Both partners should feel free to add to their notes.

- With your partner(s), create questions in the left hand column.
- These questions should elicit critical thinking skills.
 - Levels 3 through 6 in Bloom's Taxonomy.



Brief Review of Bloom's Taxonomy

- 1. KNOWLEDGE: recalling information
- 2. COMPREHENSION: understanding meaning
- 3. APPLICATION: using learning in new situations
- 4. ANALYSIS: ability to see parts & relationships
- 5. SYNTHESIS: Use parts to create a new whole
- 6. EVALUATION: judgment based on criteria

Your questions should reflect:

 Info you don't understand or want to discuss with your teacher/tutor.

 Info you think would go good on an essay test.

Gaps in your notes.

• On your own, in the space provided at the bottom of the page, complete a 3 or 4 sentence summary of what you wrote in your notes.

• (the summary...)

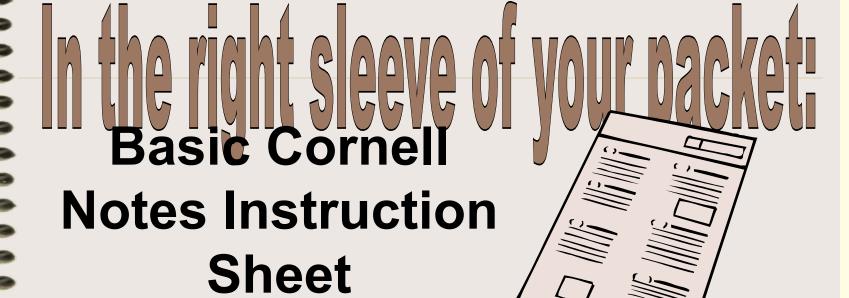
What goes where?

Questions, subtitles, etc. go here, in the left hand column. Remember, we want higher level critical thinking questions.

Don't forget the heading: Name, Class, Period, Date, Topic

Notes go here, in the large right hand column.

A 3 to 4 sentence summary down there on the bottom of the last page of notes





Progression Samples

5 Proper set-up and heading Notes are selectively and accurately paraphrased Use of logical abbreviations Notes have been edited, highlighted, and underlined Questions check for understanding and reflect higher levels of inquiry Summary shows learning by effectively summarizing and reflecting on Information and/or asking questions to clarify or further the thinking 4 Proper set-up and heading Notes are selectively and accurately paraphrased Use of logical abbreviations Questions check for understanding and reflect higher levels of inquiry Has a summary 3 Proper set-up and heading Notes may/may not be accurate; information not always paraphrased Some use of abbreviations Questions check for understanding May/may not have a summary 2 Proper set-up Has some notes Has questions May/may not have summary Proper set-up Has notes Questions on left non-existent No summary 0 Improper set-up; not Cornell notes

SQ4R-Writing to Learn



(Overview: quickly scan)



uestion • (Establish a purpose)



(to answer questions)



 (answers to questions with the book closed)



(Take notes!)



(at short intervals)

Learning Logs

A writing technique to help focus on what you are learning in class.

Writing in your learning log is a great way to use writing as a process of discovery and for clarification of ideas.

Note Taking Tips

Speaker says: "Hippocrates, a Greek who is considered to be the Father of modern medicine, was Born on the island of Cos in 460 B.C."

Notes say: "Hippocrates (Gr.) Father of med. B. Cos 460BC"

Designed by

Paul Bullock Senior Program Specialist & Anne Maben AP Science Coach

