

Strategic instruction in Core Language Arts Standards



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2 MAJOR KINDS of STANDARDS in Grades 6-12...

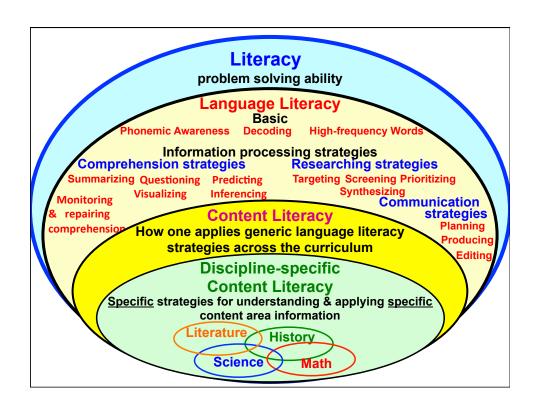
CONTENT LITERACY STANDARDS (e.g., Common Core LA Standards for Literature, History & Science)

CONTENT STANDARDS (e.g., Knowledge Standards for History)

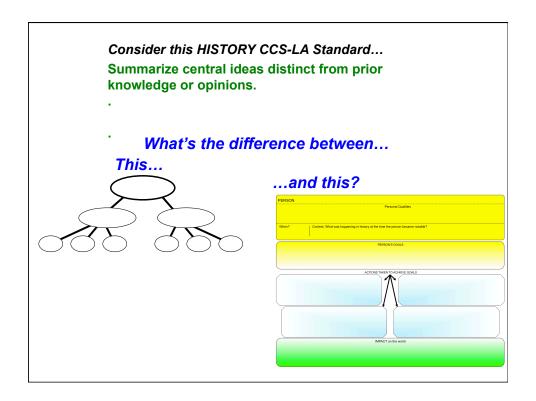
...address thinking & information processing skills, as applied in different ways to different disciplines

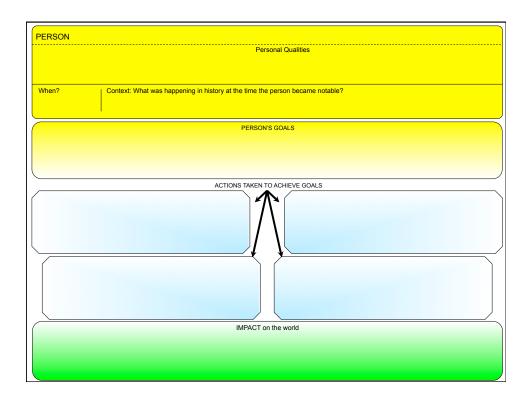
...address relational understanding of information

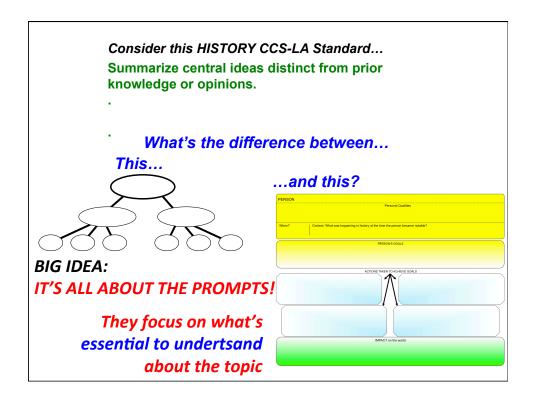
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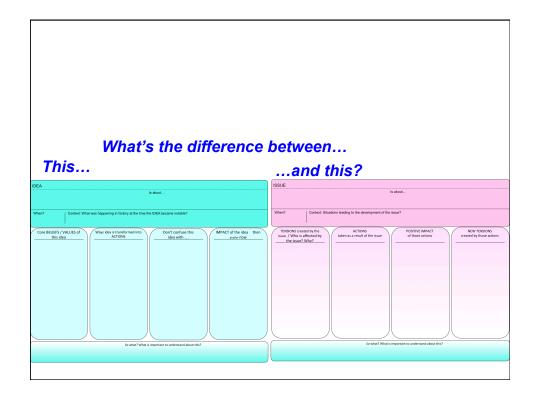


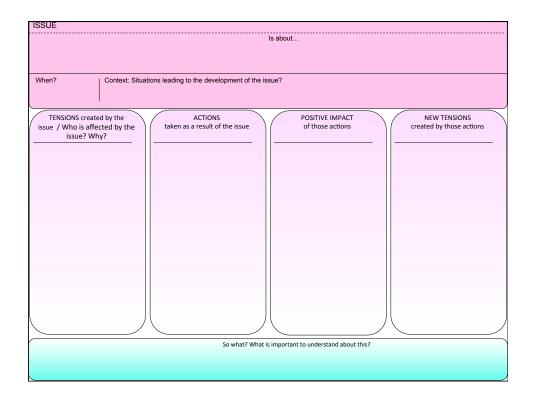
History Science Literature Math For example... Vocabulary unique to each discipline Processing and thinking about each discipline is very different 'Ways of knowing' or understanding each discipline is very different 'Ways of communicating about' each discipline is very different

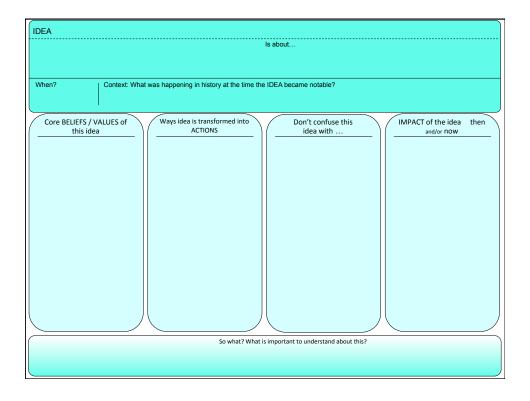




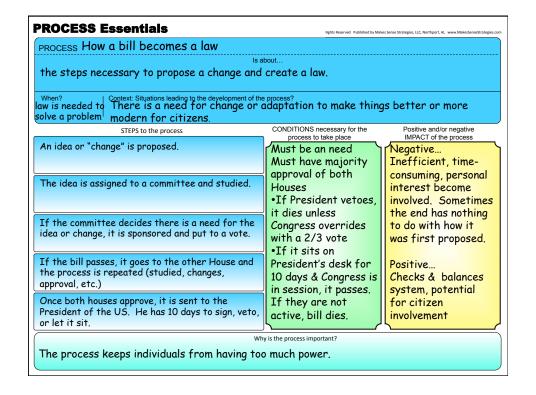


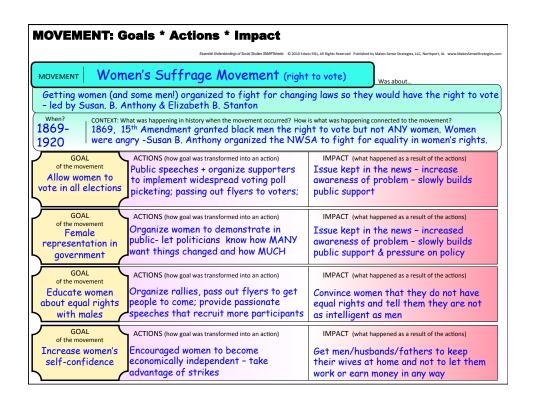


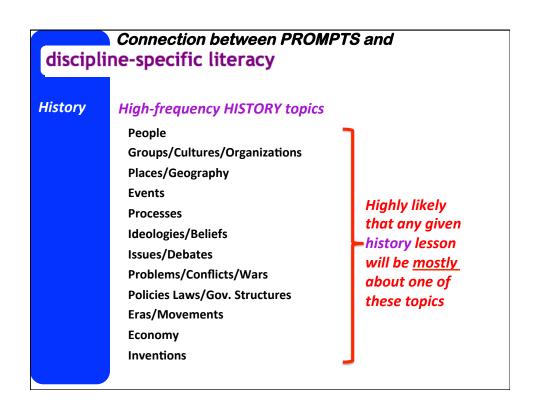




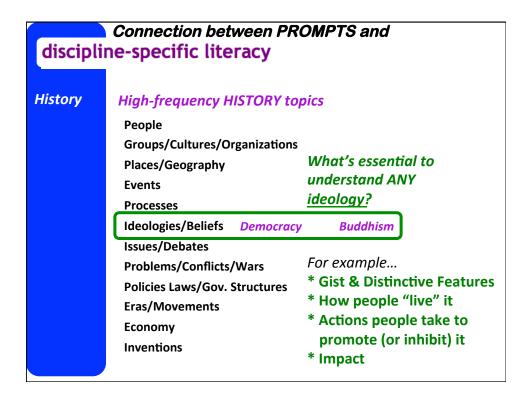
BIG IDEA: Different high-frequency topics have different "essential understandings" This... SSUE IN MINISTRAL IN MINISTR







Connection between PROMPTS and discipline-specific literacy What's essential to understand ANY famous person? History **High-frequency HISTORY topics** George Washington Susan B. Anthony People **Groups/Cultures/Organizations** For example... Places/Geography * Influences **Events** * Concerns & goals **Processes** * Decisions & actions Ideologies/Beliefs * Impact of actions Issues/Debates **Problems/Conflicts/Wars** Policies Laws/Gov. Structures **Eras/Movements Economy Inventions**



Connection between PROMPTS and discipline-specific literacy History **High-frequency HISTORY topics** People **Groups/Cultures/Organizations** Places/Geography **Events Processes Ideologies/Beliefs** What's essential to Issues/Debates understand ANY **Problems/Conflicts/Wars Era or Movement?** Policies Laws/Gov. Structures **Eras/Movements Progressive Era CRM** Economy **Inventions**

Connection between PROMPTS and discipline-specific literacy History **High-frequency HISTORY topics People Groups/Cultures/Organizations** Places/Geography **Events Processes Ideologies/Beliefs** Issues/Debates **Problems/Conflicts/Wars** What's essential to **Policies Laws/Gov. Structures** understand ANY **Eras/Movements** Invention? Economy **US Constitution Cotton Gin Inventions**

Connection between PROMPTS and discipline-specific literacy

Start with...

Generative information processing strategies.... **Summarizing** Forming predictions & inferences **Asking & answering**

questions

Making causal connections Making comparisons

+ Add this...

Unique ways of thinking about, understanding, & communicating about each discipline

Results

Unique ways of applying the generative strategies in each discipline

Connection between PROMPTS and discipline-specific literacy

For example...

Forming inferences about a math process is a very different way of thinking than forming inferences about an legislative process (history)

Start with...

Generative information processing strategies.... **Summarizing**

Forming inferences

Asking & answering questions

Making causal connections Making comparisons

+ Add this...

Unique ways of thinking about, understanding, & communicating about each discipline

Results

Unique ways of applying the generative strategies in each discipline

What's the difference between... This... """ and this? """ worder foot purely this people to the salue and well and formed a dead over the right is the salue and well and the salue and the right is the salue and well and the salue and the right is the salue and well and the salue and the right is the salue and well as the salue and well and the salue and well as the sa

IMPORTANT EVENT (summary of facts provided by the author about event)

INFERENCE (additional information about event that might be true

Due to religions persecution, the Pilgrims fled their homes in England and Europe and came to America.

Maybe they were both sad to leave and glad to leave. They hope to be able to live in peace and worship they way they wanted.

MPORTANT EVENT (summary of facts provided by the author about event. The Pilgrims established the Mayflower Compact as their plan for government. They used church rules to conduct business and their government in the colony.

Maybe they wanted the church to be in charge of everything since they believed God was in charge of everything.

IMPORTANT EVENT (summary of facts provided by the author about event)

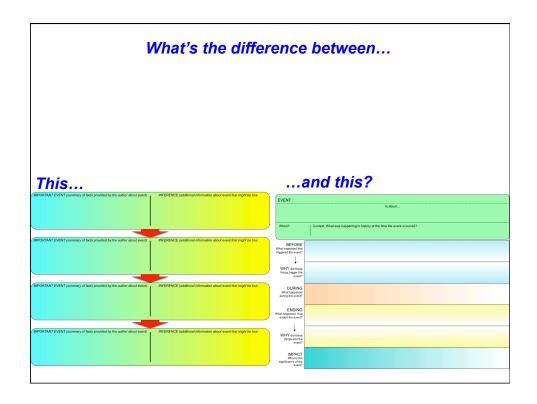
INFERENCE (additional information about event that might be true

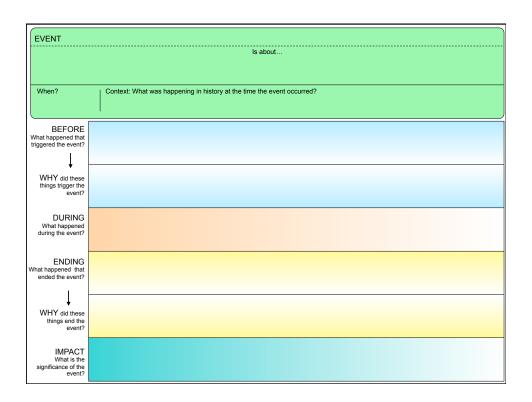
The Mayflower Compact gave each man one vote. This established what we know as a "direct democracy"

Maybe they didn't like having someone like a king tell them what to do. They wanted to rule themselves.

IMPORTANT EVENT (summary of facts provided by the author about event)
People among the Pilgrims who started to
have different beliefs about God were
persucuted because they were breaking
their government's rules.

Maybe Pilgrims didn't realize that they were treating people with different religious beliefs the very same way the governments in Europe had persecuted them!





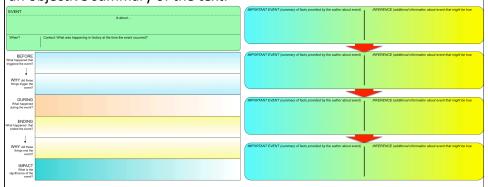
Consider these two CCS History-LA standards...

CCSS.ELA-LITERACY.RI.8.1

Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.

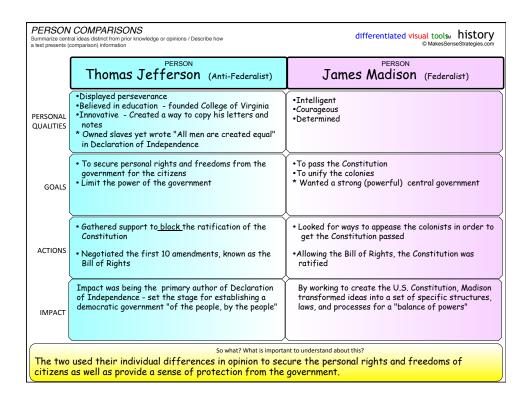
CCSS.ELA-LITERACY.RI.8.2

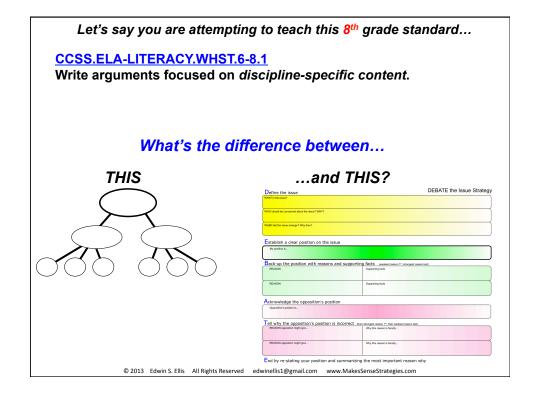
Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text.



Which visual best aligns with which standard?

Connection between PROMPTS and discipline-specific literacy Start with... + Add this... **Results** Generative information Unique ways of Unique ways of thinking about, applying the processing strategies.... **Summarizing** understanding, & generative communicating strategies in each Forming inferences about each discipline **Asking & answering** discipline questions **Making causal connections Making comparisons**





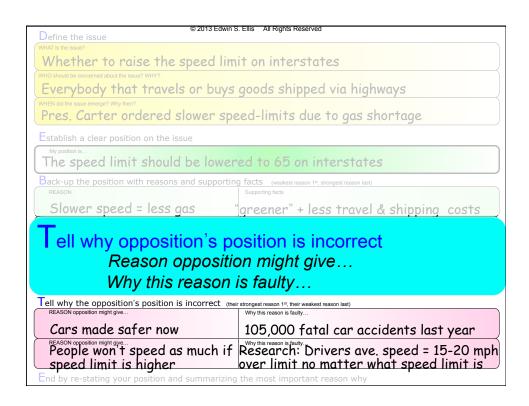
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Define the issue	
WHAT is the issue?	
WHO should be concerned about the issue? WHY?	
WHO should be concerned about the issue? WHY?	
WHEN did the issue emerge? Why then?	
Establish a clear position on the issue	
My position is	
Back-up the position with reasons and supporting	g facts (weakest reason 1st, strongest reason last)
REASON	Supporting facts
REASON	Supporting facts
REAGUN	Supporting racis
Δ	
Acknowledge the opposition's position	,
Opposition's position is	
T	
Tell why the opposition's position is incorrect (the REASON opposition might give	ir strongest reason 1st, their weakest reason last) Why this reason is faulty
NEAGON opposition might give	Willy tills reason is latity
REASON opposition might give	Why this reason is faulty
End by re-stating your position and summarizing	the most important reason why
End by the stating your position and summarizing	the most important reason why

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Define the issue	
Whether to raise the speed lim	nit on interstates
Everybody that travels or buys	goods shipped via highways
WHEN did the issue emerge? Why then? Pres. Carter ordered slower spe	eed-limits due to gas shortage
Define the issue	
WHAT is the issue?	
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WHEN did the issue er	nerge? vvny tnen?
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End by re-stating your position and summarizing	the most important reason why

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Define the issue	
Whether to raise the speed	d limit on interstates
WHO should be concerned about the issue? WHY?	
	ouys goods shipped via highways
WHEN did the issue emerge? Why then? Pres. Carter ordered slower	r speed-limits due to gas shortage
Establish a clear position on the issue	
The speed limit should be lo	owered to 65mph on interstates
Establish a clear pos My position is	sition on the issue
Acknowledge the opposition's position Opposition's position is	
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REASON opposition might give	Why this reason is faulty
REASON opposition might give	Why this reason is faulty
End by re-stating your position and summ	arizing the most important reason why

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Define the issue	
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Whether to raise the speed lim	it on interstates
WHO should be concerned about the issue? WHY?	
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	goods shipped via highways
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Establish a clear position on the issue	
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The speed limit should be lower	ed to 65 on interstates
Back-up the position with reasons and supportin	g facts (weakest reason 1st, strongest reason last)
REASON	Supporting facts
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BEASON SPEEU - 1833 9US	"greener" + less travel & shipping costs
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Safer at lower speeds	Slower speed = less wrecks = less deaths
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D ack-up position with re	easons & supporting facts
Weakest reaso	on 1st
Strongest reas	son last

Define the issue	Edwin S. Ellis All Rights Reserved
WHAT is the issue?	
Whether to raise the speed	limit on interstates
WHO should be concerned about the issue? WHY?	
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Pres. Carter ordered slower	speed-limits due to gas shortage
Establish a clear position on the issue	
The speed limit should be lo	wered to 65 on interstates
Back-up the position with reasons and supp	porting facts (weakest reason 1st, strongest reason last)
REASON	Supporting facts
Slower speed = less gas	"greener" + less travel & shipping costs
REASON	Supporting facts
Safer at lower speeds	Slower speed = less wrecks = less deaths
Acknowledge the opposition's position	
Opposition's position is	limit to 75 on 90 not lower it!
we should raise the speed	limit to 75 or 80, not lower it!
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Acknowledge the opp	position's position
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Define the issue
Whether to raise the speed limit on interstates
WHO should be concerned about the issue? WHY?
Everybody that travels or buys goods shipped via highways
WHEN did the issue emerge? Why then? Pres. Carter ordered slower speed-limits due to gas shortage
Establish a clear position on the issue
The speed limit should be lowered to 65 on interstates
Back-up the position with reasons and supporting facts (weakest reason 1st, strongest reason last) REASON Supporting facts
Slower speed = less gas "greener" + less travel & shipping costs Supporting facts Supporting facts
Safer at lower speeds Slower speed = less wrecks = less deaths
Acknowledge the opposition's position
We should raise the speed limit to 75 or 80, not lower it!
End by re-stating your position & summarizing the
most important reason why
End by re-stating your position and summarizing the most important reason why

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WHAT is the issue?	
Whether to raise the speed lim	<mark>it on interstates</mark>
WHO should be concerned about the issue? WHY? Everybody that travels or buys	goods shipped via highways
WHEN did the issue emerge? Why then? Pres. Carter ordered slower spe	eed-limits due to gas shortage
Establish a clear position on the issue	
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Back-up the position with reasons and supportin	g facts (weakest reason 1st, strongest reason last)
REASON	Supporting facts
Slower speed = less gas	greener" + less travel & shipping costs
REASON	Supporting facts
Safer at lower speeds	Slower speed = less wrecks = less deaths
Acknowledge the opposition's position	
Opposition's position is	
We should raise the speed limi	t to 75 or 80, not lower it!
Tell why the opposition's position is incorrect (thei	ir strongest reason 1st, their weakest reason last)
REASON opposition might give	Why this reason is faulty
Cars made safer now	105,000 fatal car accidents last year
People won't speed as much if	Research: Drivers ave. speed = 15-20 mph
speed limit is higher	over limit no matter what speed limit is
End by re-stating your position and summarizing	

Interstate Speed Limits

An important issue that concerns everyone is whether the speed limit on interstate highways should be raised. It affects everyone, even children too young to drive and elderly people too old to drive. This is because so many people travel on the interstates, both as drivers and as passengers. It even affects people who never go on the interstate because the speed limit affects the price of goods in terms of their transportation costs. Long ago, President Carter ordered that the speed limit be dropped to 55 miles per hour. This has been raised back to 70 mph on most interstates, but this may not be the ideal speed.

Detaile the time

Whether to raise the speed limit on interstates

Everybody that Travels or buys goods shipped via highways

Pres. Carter ordered slower speed-limits due to gas shortage

Exaction 1 dear postor on the time.

The speed limit should be lowered to 65 on interstates

Beken the postor with research and speeding fatts.

Slower speed = less gas

Slower speed = less gas

Slower speed = less gas

Slower speed = less wrecks = less deaths

Activation of the time of the speed limit to 75 or 80, not lower it!

Tell with the opposition pattle is interest.

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Tell with the opposition is the opposition of the o

Personally, I think the speed limit should be lowered to

65 mph on interstates. Slowing down just a few miles an hour can save this country a lot of gas because slower speeds burn less gas. Not only will people save at the gas pump, they will save in the grocery store as well because it will not require as much money to ship items if truckers go a little slower.

Most importantly, however, slightly slower speeds can save thousands of lives. According to the National Insurance Council, dropping the speed limit just 5 mph can save as many as 35,000 lives per year. The bottom line is that we are all safer if we all slow down just a little. Slower speeds mean less wrecks and that means less deaths

There are many people who would like to see the speed limit increased to 75 or even 80 mph on the interstates. They argue that, now that cars have air bags and other safety features, they are a lot safer than they once were and thus are safer to drive at higher speeds. However, according to Laws.com (http://accident.laws.com/fatal-accidents), 105,000 people died in auto-accidents last year. While cars may be safer, that doesn't make them completely safe.

Some also argue that if the speed limit were raised, drivers would be less likely to exceed speed limits and break the law. The reality is that statistics show that drivers are likely to exceed the speed limit an average of 10-15 mph, no matter what the limit is. Thus, when the speed limit is at 70, speeders are actually driving between 80-85 miles an hour. If the limit is raised to 75, they are likely to just drive even faster at 85-90 miles an hour, suck up even more gas and kill more people. While I agree that it is more fun to drive fast, it is more important to lower emissions and protect our planet, be less dependent on gas, and be safer. Let's lower the limit to 65 and we'll all be better off.

Some of the Common Core standards are really complex



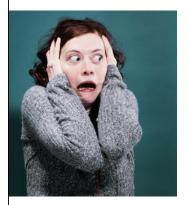
Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is valid and the evidence is relevant and sufficient; identify false statements and fallacious reasoning. (8th grade)

Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

(12th grade)

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Some of the Common Core standards are really complex



Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is valid and the evidence is relevant and sufficient; identify false statements and fallacious reasoning. (8th grade)

Specific DVTs are designed to target specific CCS Standards

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Author Claims & Supporting Evidence

SOURCE Civics Today

SUMMARY of TOPIC about which the author was addressing.

In the past, Direct Democracy was used as a viable form of government, enabling all citizens to have a voice in decisions that affected the town, church, organization, or country. In modern times, population booms and distribution of residents over the span of hundreds and thousands of miles inhibit this form of government as all citizens do not have the ability or time to travel to a central location for meetings or votes. The question the author poses in this chapter focuses on, "Is Direct Democracy a useful and effective form of government for large, modern nations?" and why/why not?

- 1 CLAIM or ASSERTION made by author
- No longer a useful/effective form of government for modern nations
- SUPPORTING EVIDENCE provided by the author

 1. Populations are too large and spread out to call on the people every time they
 have a pressing issue and need a vote. (I.E. 300+million in the U.S.)

 2. People are not informed enough to vote on all issues.
- The people cannot be concerned with the daily decisions needed to run a
- large country on a daily basis.

 4. Waiting on all the votes all the time would bog down the political system.
- CLAIM or ASSERTION made by author

SUPPORTING EVIDENCE provided by the author

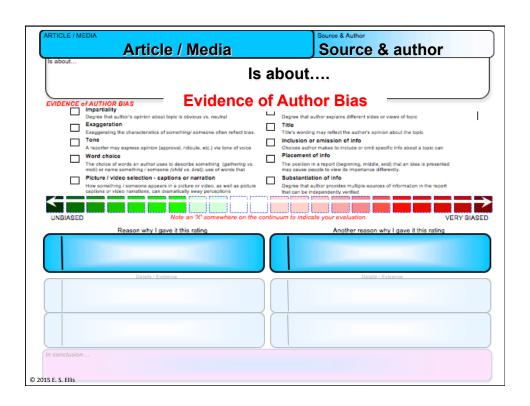
It's a much better fit for small towns/villages or public community forums such as churches or volunteer organizations.

- 1.Easier to get all people involved informed on the issues. 2. You will receive a truer vote due to more involvement.
- 3. Quicker votes and voting results 4. Easier to get the people together for voting

CONCLUSION about how well the author backed-up claims with supporting evidence

The author made a valid argument as to why larger nations can no longer use Direct Democracy as a form of government. In
a large, modern nation, the population and distribution of citizens make it impossible to run a large nation in that manner.

Evidence of Au	th	or Bias
Impartiality Degree that author's opinion about topic is obvious vs. neutral		Balance Degree that author explains different sides or views of topic
Exaggeration Exaggerating the characteristics of something/ someone often reflect bias.		Title Title's wording may reflect the author's opinion about the topic
Tone A reporter may express opinion (approval, ridicule, etc.) via tone of voice used when discussing the topic		Inclusion or omission of info Choices author makes to include or omit specific info about a topic can reflect bias
Word choice The choice of words an author uses to describe something (gathering vs. mob) or name something / someone (child vs. brat); use of words that express positive / negative value.		Placement of info The position in a report (beginning, middle, end) that an idea is presented may cause people to view its importance differently.
Picture / video selection / captions How something / someone appears in a picture or video, as well as picture captions or video narrations, can dramatically sway perceptions		Substantiation of info Degree that author provides multiple-sources of information in the report that can be independently verified
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Balance Degree that author explains offerent sides or views of topic Title Titler's wording may reflect the author's opinion about topic is obvious vs. neutral Exaggeration Titler's wording may reflect the author's opinion about the topic Titler's wording may reflect the author's opinion about the topic Inclusion or omission of info Choices author makes to include or one specific life about a topic can Placement of linfo The choice of words an author uses to describe something (gathering vs. might year of words that Placement of linfo Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author makes to include or one specific life about a topic can Placement of linfo Choices author explains a specific life about a topic can Placement of linfo Choices author explains a life about a topic can Placement	RTICLE / MEDIA		Source & Author	
Degree that suther's opinion about topic is obvious vs. neutral Exaggeration Exaggeration Exaggeration A reporter may express opinion (approval, ridicule, etc.) vis tone of voice Word choice The choice of words an author uses to describe sensithing (gasthering vs. mod) or name sampting (sameonic public vs. and); use of words that Picture I video selection - captions or narration How something's sameone appears in a souther or video, as well as picture organism or video narration, and described sensitivity is supplementation. The position is report provides multiple-sources of information in the report degree that suffice vs. and described are video as a video narration. Note an X somewhere on the continuum to indicate your evaluation. VERY BIAS INBIASED Very BIAS DEATA FEXIONS DEATA FEXIONS	Is about			
	Impartiality Impartiality Impartiality Impartiality Exaggeration Exaggeration Exaggeration Impartiality Impa	e opinion about topic is obvious vs. neutral aracteristics of something/ someone often reflect bias. rese opinion (approvat, ridicule, etc.) via tone of voice is an author uses to describe something (pathering vs. tibing/someone (child vs. brati), use of vands that election - captions or narration meane appears in a picture or video, as well as picture irrations, can dramatically sway perceptions. Note an X* somewhere on the or son why I gave it this rating	Degree that suthor explains different sides or a Title Title surround and prefect the author's opinion inclusion or omission of Info Choices suthor make to include or omission of Info Placement of Info The position in a report Degreeing, middle, on may cause a recibility to the all importance difference of the author provides multiple-sources of the care to independently verified that can be independently verified and including the care of the independently verified and including the independent in t	about the topic fic info about a topic can style that an idea is presented entry. If information in the report VERY BIAS y I gave it this ratios
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ARTICLE / MEDIA	Source & Author
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EVIDENCE of AUTHOR BIAS	
Impartiality Degree that author's opinion about topic is obvious vs. neutral	Balance Degree that author explains different sides or views of topic
Exaggeration	Degree that author explains different sides or views or topic Title
Exaggerating the characteristics of something/ someone often reflect bias.	Title's wording may reflect the author's opinion about the topic
Tone	Inclusion or omission of info
A reporter may express opinion (approval, ridicule, etc.) via tone of voice Word choice	Choices author makes to include or omit specific info about a topic can Placement of Info
The choice of words an author uses to describe something (gathering vs.	The position in a report (beginning, middle, end) that an idea is presented
mob) or name something / someone (child vs. bratt); use of words that Picture / video selection - captions or narration	may cause people to view its importance differently. Substantiation of info
How something / someone appears in a picture or video, as well as picture	Degree that author provides multiple-sources of information in the report
captions or video narrations, can dramatically sway perceptions	that can be independently verified
UNBIASED Note an X' somewhere on the c	continuum to indicate your evaluation. VERY BIASED
Reason why I gave it this rating	Another reason why I gave it this rating
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Reason I gave it this rating	Another reason
Details / Evidence	Details / Evidence
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In conclusion	
In conclu	usion
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ARTICLE / MEDIA	Source & Author
Is about	
EVIDENCE of AUTHOR BIAS Impartiality Degree that author's opinion about topic is obvious vs. neutral Exaggeration Exaggeration Exaggeration the characteristics of something/ someone other reflect bias. Tone A reporter may express opinion (approvat, ridicule, etc.) via tone of voice Word choice The choice of words an author uses to describe something (gathering vs. mod) or name something / someone (sold vs. brat); use of words that Plature I video selection - captions or narration How something / someone appears in a picture or video, as well as picture aptions of video materialism, can describe sway perceptions Note an X' somewhere on the circumstance of the captions of the ca	Balance Degree that author explains different sides or views of topic Title Inclusion or omission of Info Choices subnor makes to include or omit specific info about a topic can Placement of Info The position in a report (beginning, middle, end) that an idea is presented may cause people to view its importance differently. Substantiation of Info Degree that author provides multiple-sources of information in the report
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In conclusion © 2015 E. S. Ellis	

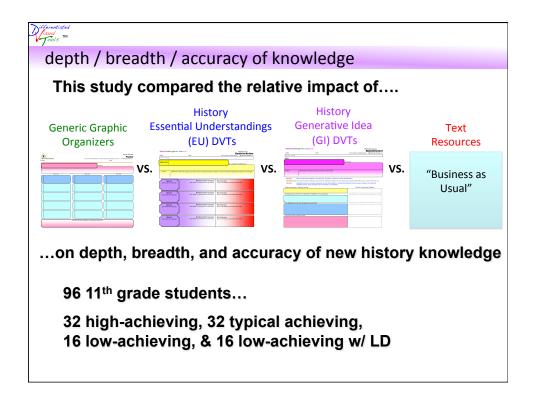
There is an extensive research base that provides the foundation for DVTs and their instructional procedures.

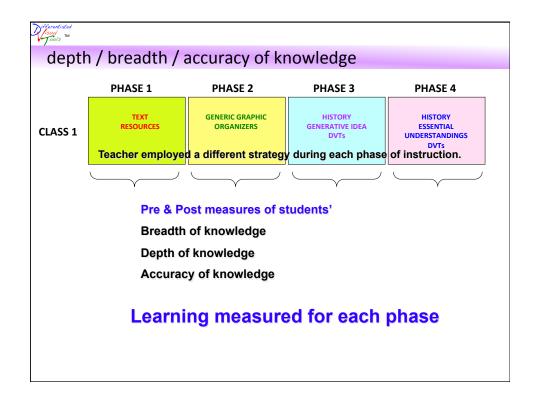
DVTs are classroom research-tested and validated.

The following slides provide a brief overview of specific studies. To read more about DVT theoretical basis and research, see...

Ellis, E.S., Wills, S, & Deshler, D. (2011). Toward validation of the Genius Discipline-specific Literacy Model. <u>Journal of Education</u>, 191 (1), 13-32.

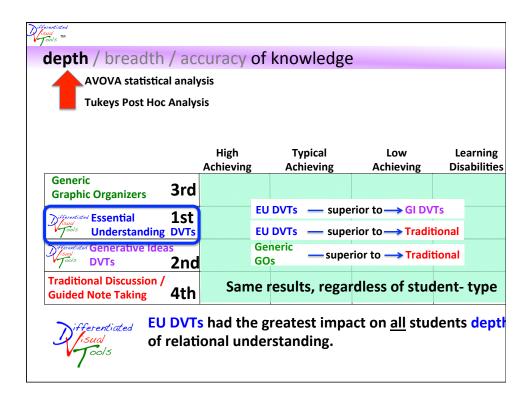
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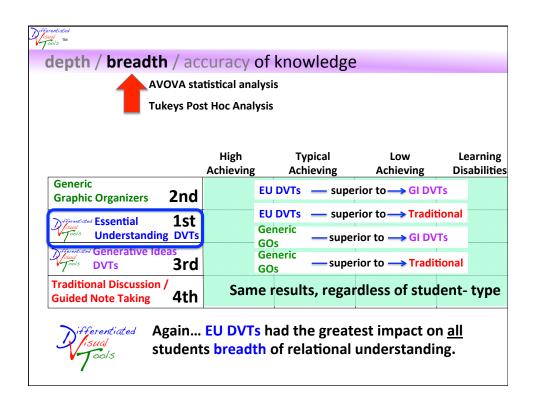


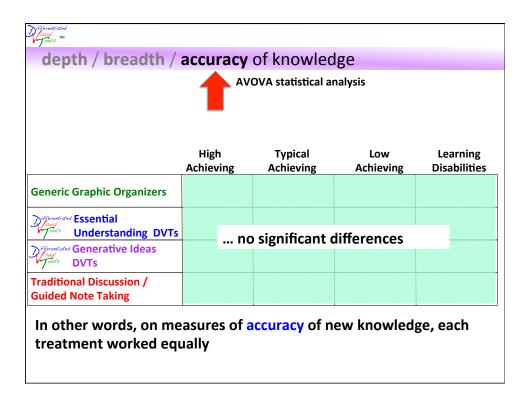


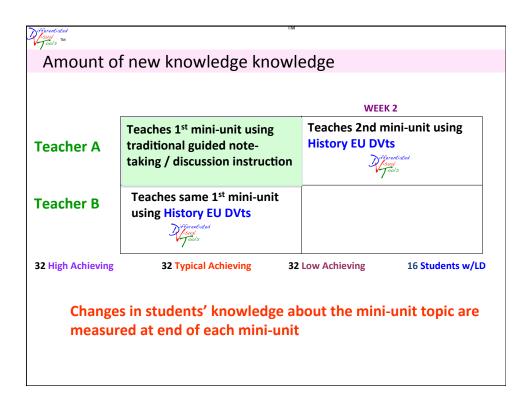
	PHASE 1	PHASE 2	PHASE 3	PHASE 4
LASS 1	TEXT RESOURCES	GENERIC GRAPHIC ORGANIZERS	HISTORY GENERATIVE IDEA DVTs	HISTORY ESSENTIAL UNDERSTANDINGS DVTs
LASS 2	HISTORY ESSENTIAL UNDERSTANDINGS DVTs	TEXT RESOURCES	GENERIC GRAPHIC ORGANIZERS	HISTORY GENERATIVE IDEA DVTs
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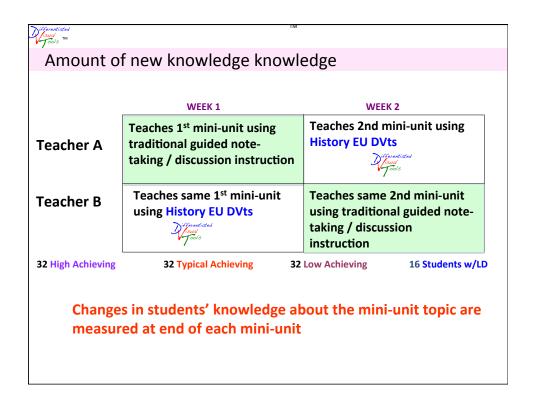
Differentiated Isual TM				
depth	/ breadth / a	accuracy of kr	nowledge	
	PHASE 1	PHASE 2	PHASE 3	PHASE 4
CLASS 1	TEXT RESOURCES	GENERIC GRAPHIC ORGANIZERS	HISTORY GENERATIVE IDEA DVTs	HISTORY ESSENTIAL UNDERSTANDINGS DVTs
CLASS 2	HISTORY ESSENTIAL UNDERSTANDINGS DVTs	TEXT RESOURCES	GENERIC GRAPHIC ORGANIZERS	HISTORY GENERATIVE IDEA DVTs
CLASS 3	HISTORY GENERATIVE IDEA DVTs	GENERIC GRAPHIC ORGANIZERS	TEXT RESOURCES	HISTORY ESSENTIAL UNDERSTANDINGS DVTs
CLASS 4	GENERIC GRAPHIC ORGANIZERS	HISTORY ESSENTIAL UNDERSTANDINGS DVTs	HISTORY GENERATIVE IDEA DVTs	TEXT RESOURCES

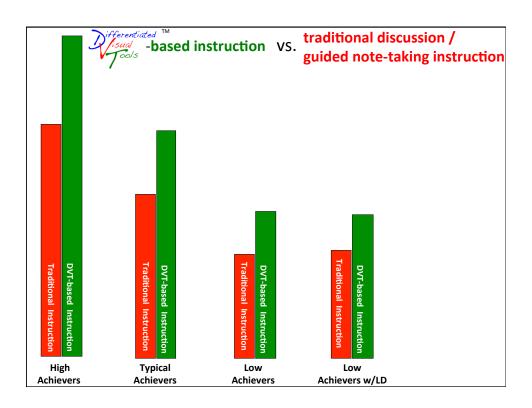












differentiated visual tools

BIG IDEAS

DVTs NOT generic, rather are individually designed to address specific Core Standards

DVTs <u>structure for success</u> via embedded critical thinking & essential understandings prompts that reduce the cognitive load without dumbing down the curriculum

DVTs allow teachers to **SEE** how to explicitly address complex standards in clear and simple ways

DVTs allow students to SEE the thinking processes involved in learning specific Core Standards

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