

LITERACY STRATEGIES  
SUPPORTING CC/ES:  
**CTE PLAYS A VITAL ROLE**

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# First Things, First....

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- Common Core and Essential Standards
  - ▣ What is the common core? And what are essential standards?
  - ▣ Where does CTE fall in this picture?
  - ▣ How can we play a part?
- Literacy within CTE
  - ▣ What is literacy?
  - ▣ What strategies can we use?

# What's the Difference? CC vs. ES

## Common Core (CC)

- Set of standards for Math and English/Language Arts that most states have adopted.
- CTE supports common core

## Essential Standards (ES)

- CTE are the forerunners of essential standards
- Worked with Dr. Lorin Anderson, co-author of “Revised Bloom’s Taxonomy”
- Fewer standards in order to establish depth
- All non-reading and math curriculums, falls under ES

# Where does CTE fall into this picture?

“We teach fewer standards than we once did but we teach them to a higher level and go deeper with the content”

– John Kirkman,  
Southeast Regional Coordinator,  
DPI

- Expectations for higher academic achievement gave rise to the integration of academic and career/technical education movement, starting with the Carl D. Perkins Vocational and Applied Technology Education Act of 1990. *Secondary educational institutions were encouraged to link academic and CTE curricula, and emphasize their interrelatedness in real-world contexts. The intent was to connect the curricula of various subjects so that students would be able to address in a holistic manner the problems, concerns, and issues of the environments in which they lived.*
- McCaslin and Parks, 2002, Teacher Education in CTE: Background and policy implications for the new millenium

# How can we play a part?

- Believe it or not, we already play a part!
  - Our curriculums by nature are designed to encourage successful grasp of math and reading concepts (*i.e. math within health sciences, furniture & cabinetmaking, principals of business, etc*)
  - Content area reading (*i.e. automotive, health, and agriculture, financial reviews in business journals, professional journals, etc*)
  - *Based on Perkins, we are required to measure (based on CTE Post-assessments):*
    - **1S1 – Academic Attainment – Reading/Language Arts**
    - **1S2 – Academic Attainment – Mathematics**

# How can we play a part?

“Five out of four people have trouble with fractions.”

-Steven Wright

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“The nonreading children are the greatest problem in American education”

\_Glenn Doman, "How to Teach Your Baby to Read"

- Believe or not, we play a part (continues)...
  - Math – problem solving, arguing and defending possible solutions, allowing students to wrestle with problems
  - ELA – importance of reading complex, non-fiction texts, writing to inform, purposeful instruction of academic vocabulary, attention to text complexity, rigor
- We can play a larger part!
  - ▣ Write, write, and more write...make it a regular part of your instruction
  - ▣ Directly focus on literacy and math strategies

# Literacy Strategies

CTE playing our part!

# What is Literacy?

- “**Literacy** refers to the ability to read for knowledge and write coherently and think critically about the written word.”
- “Key to all literacy is reading development, a progression of skills that begins with the ability to understand spoken words and decode written words, and culminates in the deep understanding of text.”
- Sounds like a big task? Well, it is... HOWEVER...
  - ▣ We have ability to help develop literacy
  - ▣ We have the tools
  - ▣ We have the passion

*Definition obtained from: <http://en.wikipedia.org/wiki/Literacy>*



# Strategies for CTE: Hands-on Activities

- Anticipation Guide – students read with purpose
  - See handout “Helping teachers incorporate literacy strategies in the classroom” and follow instructions.
  
- Sample Template Tasks for Writing Prompts – assists teachers with providing thorough prompt ideas.
  - Directions: Choose a partner > choose a task template & complete prompt statement > discuss statement with the group
    - See handout “Helping teachers incorporate literacy strategies in the classroom” and follow instructions.
  
- INSERT strategy (Interactive Notation System for Effective Readng and Thinking).

# Strategies for CTE: Hands-on Activities

- **Teaching Strategies Downloads for Teachers**
  - <http://beta.aea267.k12.ia.us/cia/teaching-strategies/teaching-strategies-downloads-for-teachers>

# Classroom Tools & Tips

**A few goodies to keep students engaged!**

**Go to our CTE Webpage for complete listing:**

**<http://www.northamptoncte.weebly.com>**

# Classroom Tools & Tips

- Building websites:
  - [www.wix.com](http://www.wix.com) - can be used for creating portfolios; can create free websites
  - [www.weebly.com](http://www.weebly.com) – (more than one page; great students can use as well
  - [www.webstarts.com](http://www.webstarts.com) – get 5 pages free. Small fees if you want more storage.

# Classroom Tools & Tips

## □ Collaboration

□ [www.wikispaces.com](http://www.wikispaces.com)

□ [www.collaborizeclassroom.com](http://www.collaborizeclassroom.com) - collaboration platform for teachers and students

■ <http://nchsentrepreneurship.collaborizeclassroom.com>

□ [www.blogger.com](http://www.blogger.com) - great for students (used gmail address)

□ [www.edmodo.com](http://www.edmodo.com)

□ [www.missiontolearn.com](http://www.missiontolearn.com) -15 free list of multiple tools

# Classroom Tools & Tips

- Search Engines
  - [www.search-cube.com](http://www.search-cube.com)
  - [www.instagrok.com](http://www.instagrok.com)
  - [www.oolone.com](http://www.oolone.com)
- Brainstorming Tools/Graphic Organizers
  - [www.tagul.com](http://www.tagul.com)
  - [www.popplet.com](http://www.popplet.com)
- Presentations
  - [www.xtranormal.com](http://www.xtranormal.com)
  - <http://animoto.com>
  - <http://voki.com>

# Classroom Tools & Tips

- Portfolios
  - [www.livebinder.com](http://www.livebinder.com)
- Blogging
  - [www.blogger.com](http://www.blogger.com)
- Quizzes/Polling
  - [www.quizzlet.com](http://www.quizzlet.com)
  - [www.quia.com](http://www.quia.com)
- Bookmarking
  - [www.symbaloo.com](http://www.symbaloo.com)

# Classroom Tools & Tips

## □ Search Engines

- <http://search-cube.com/>
- <http://www.instagrok.com/>
- <http://www.oolone.com/>

## □ Social

<http://www.tigweb.org/>

## □ Online Posters

- <http://www.glogster.com/>
- <http://prezi.com/>