INFORMATION LITERACY

Clarksville Middle School
Clarksville, Maryland

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School Facts

- Suburban Middle School

- 748 Students

- 90 Staff members

- Located midway between Baltimore and Washington

- 91-94% of students met state standards over last three years

Information Literacy

"A daily edition of the *New York Times* contains more information than a 17th century person would have in their entire lifetime."

Richard Wurman
Information Anxiety, 1989

How are we preparing students?

Information Literacy

Information Literacy is the set of skills life-long learners use to locate, evaluate, synthesize, and communicate information for a variety of purposes.

How do we build a consistent approach to problem solving?

Information Literacy - The Big 6

- Task Definition
  Define problem. Identify information needed.

- Information Seeking Strategies
  Determine all possible sources.

- Location and Access
  Locate Sources and information.

How do we handle teachers' varied expectations and differing approaches?

Information Literacy

- **Use of Information**
  Pull out the information and then take notes.

- **Synthesis**
  Organize information.
  Present the results.

- **Evaluation**
  Judge the result and the process.

How do we handle teachers'
varied expectations and differing approaches?

Content Integration

- 6th Grade Reading- Integrating and connecting research skills with literature

- 6th Grade English - Integrating into Biography unit

- 7th Grade Reading/Math- Stock project

How can we naturally integrate Information Literacy into the curriculum?

Process Integration

Process   **Learning**   **Knowledge**

How do we help our students work smarter, not faster?

Knowing our Learners

- Accelerated Learners

- Special Needs

How do we account for the developmental needs of our students?

Lessons Learned

- Computer skills - responsible use of information

- Online databases

- Plagiarism

- Copyright / fair use

- Citing Sources

How do we manage obstacles faced?

Positive Outcomes

- Students:
    - think more before beginning task
    - have more confidence and less anxiety
    - have more focus
- Consistent Language
- Improved Process / Output
- High school preparedness
- County Initiative

How do we know we have been successful?

Future/County Initiative

Information Literacy has <u>already</u> been incorporated into:

- Kindergarten & 3rd
- Library Media
- Reading
- Social Studies
- Language Arts

INFORMATION LITERACY
FOR LIFELONG LEARNING
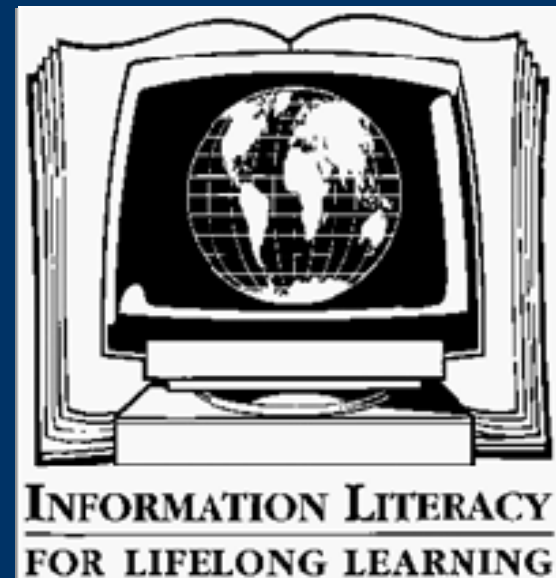
Where do we go from here?

Summary Points

Clarksville's charge is to prepare our students for the demands of the 21st century.

… h o w e v e r …

Given the exponential growth rate of technology, how can we predict what our students will need 10-20 years in the future?

*"This century will challenge humanity to our very limits.
Our role is to prepare the children of the world
for that challenge."*

~ Richard De Los Santos

The Big6
Assignment Organizer

Fill out Big6 #1-5 *before* you begin to work on your assignment.
Fill out Big6 #6 *before* you turn in your assignment.

Name: _____

Today's date:_____ Class: _____

Big6 #1 Task Definition
Determine a purpose and need for information

Information Problem:
_____
_____
_____
_____

What am I supposed to find out? (in my own words)

What information do I need in order to do this? (Consider listing in question form.)
You will most likely find interesting additional information as you
use the resources. List below information that you feel
you need to know at this time.

1._____
2._____
3._____
4._____
5._____
6._____
7._____
8._____

Keywords: _____   _____
           _____   _____
           _____   _____
           _____   _____

Big6 #2 Information Seeking Strategies
Examine alternative approaches to acquiring information

List the best sources to find this information. Don't forget traditional print and human sources as appropriate.
1. _____
2. _____
3. _____
4 _____
5. _____

If using web sites, who will evaluate them for relevancy, accuracy, and authority?
 _____ I will use only those evaluated by and provided by my teachers.
 _____ I will use a web site evaluation guide

Big6 #3 Location & Access
Locate sources and access the information within them

Where will I locate these sources?

 _____ school media center
 _____ public or university library
 _____ personal library
 _____ provided by my teachers
 _____ Internet
 _____ other:

If using a search engine list likely key words.

_____

_____

_____

_____

_____

_____

Big6 #4 Use of Information
Use a source to gain information

How will I record the information that I find?
_____ take notes using cards (NoodleTools)
_____ take notes on notebook paper
_____ take notes using a word processor
_____ take notes using "Three Across Notes"
_____ illustrate concepts
_____ use a tape recorder, video, or digital camera
_____ other: _____

How will I give credit to my sources?
_____ use the Classroom Connect web site for citing Internet resources
_____ use the Quick Guide or Writer's Guide to MLA Documentation for citing other resources
_____ use footnotes (see Writer's Guide) for help on using footnotes
_____ use CMS Resource Guide

Big6 #5 Synthesis
Integrate information from a variety of source

How will I show my results?
_____ written paper
_____ oral presentation
_____ multimedia presentation
_____ performance
_____ other: _____

How will I give credit to my sources in my final product or performance?
_____ include a written "works cited"
_____ after the performance or presentation, announce which sources I used
_____ other: _____

Materials I will need for my presentation or performance (list, separating by commas):

_____
_____
_____

How much time do I estimate it will take to find the information and create the product? _____

Timeline for assignment:

Ideas for project (task definition) completed by: _____
Information searching (note taking) completed by: _____
First draft due: _____
Completed assignment due: _____

Include here any additional information needed to successfully complete the assignment:_____
_____
_____

Big6 #6 Evaluation
Before turning in my assignment, I need to check off *all* of these items (on the printed Organizer):

_____ what I created to finish the assignment is appropriate for what I was
          supposed to do in Big6 #1
_____ the information I found in Big6 #4 matches the information needed in Big6
          #1
_____ credit is given to my sources, written in standard citation format
_____ I am in compliance of copyright laws and fair use guidelines
_____ my work is neat
_____ my work is complete and includes heading information (name, date, etc.)
_____ I would be proud for anyone to view this work

_____

Parents,

    Please sign this organizer after you have discussed it with your child. By signing it, you are verifying that you are aware of the assignment.

Parent Signature _____

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Big6 Assignment Organizer

Big6 Skill #1: Task Definition
What is the problem I'm trying to solve?

Terms in the problem or question that need to be defined
.

Big6 Skill #2: Information Seeking Strategies
List sources that can be used to do the
assignment? Circle the best sources.

Big 6 Skill #3: Location & Access
Where can I find my sources? Do I
 need help? If so, who can help me?

Big6 Skill #4: Use of Information
What do I have to do with the information?

_____ read/view/listen   _____ chart and/or write an essay
_____ take notes   _____ copy and highlight
_____ answer questions   _____ properly cite
_____ ask & write other questions related to my problem   _____ other_____

Big6 Skill #5: Synthesis
What product does this assignment require?

Big6 skill #6: Evaluation
Student self-evaluation checklist:

_____ I did what I was supposed to do (see Big6 #1, Task Definition).
_____ The assignment is complete.

Name_____   Block:_____

Three Across Notes

<u>Type of Source: (Circle One)</u>
book – one author   book- more than one author   magazine   electronic database
website   encyclopedia   newspaper
Other:_____

Use your CMS Resource Guide to determine the information and format for the type of source you are using. Record that information below:

#1 Questions *List the important questions that need to be answered.*	# 2 Answers *Find & list the answers.*	#3 Important Details *List any specific supporting details*