



Education is the single most
important job of the human race.

~ George Lucas

**WEDO
THIS
NOW**

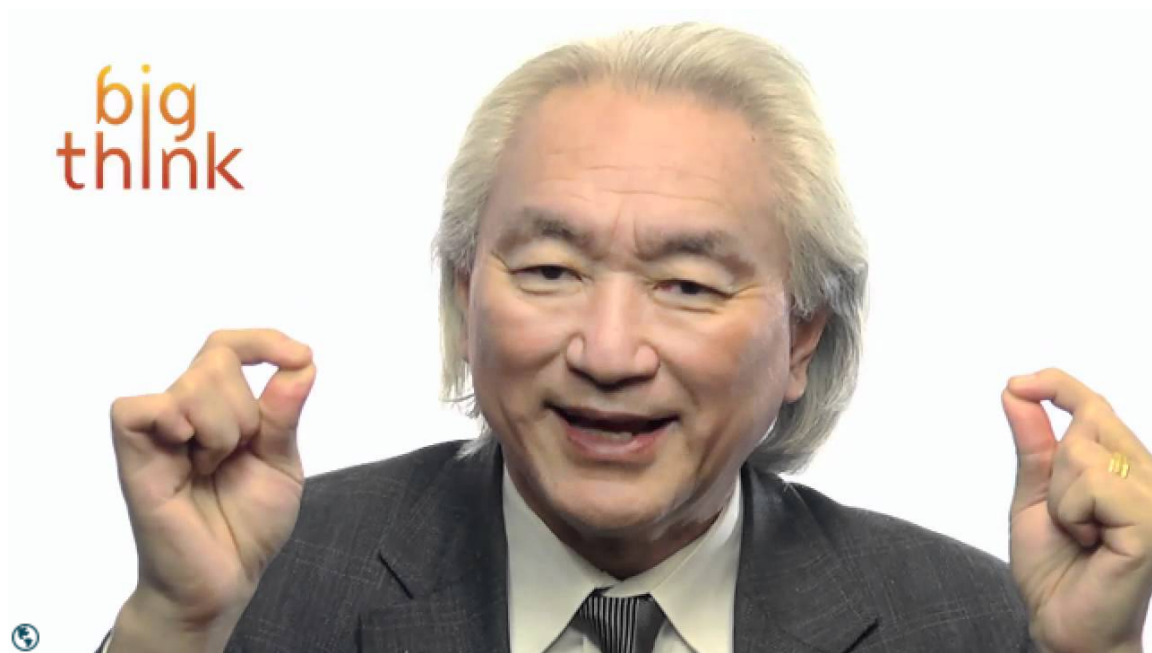
Open NOTEBOOK
and be ready with a
WRITING UTENSIL.



What is essential for schools? What skills will our students need to be successful in the modern world? What jobs will disappear in the future? What types of jobs will survive and thrive regardless of technological advances?



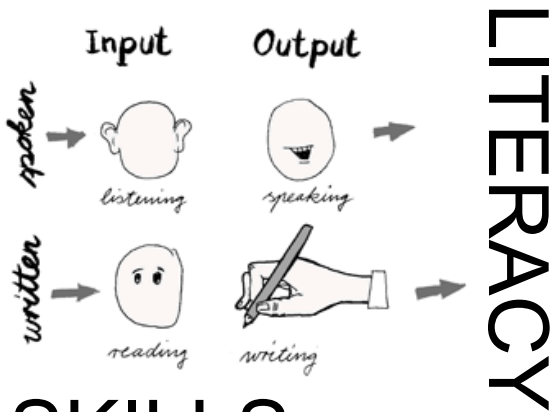
Sharing is Caring



Jobs of the future will be what robots can't do...



We will evaluate the role of
LITERACY
in **STUDENT ENGAGEMENT**
and the development of
21st CENTURY SKILLS



21st CENTURY SKILLS



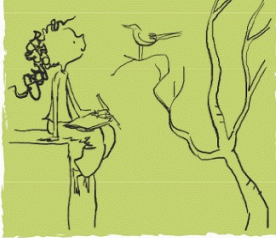
Communication

Sharing thoughts, questions, ideas, and solutions



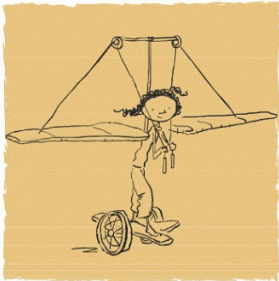
Collaboration

Working together to reach a goal — putting talent, expertise, and smarts to work



Critical Thinking

Looking at problems in a new way, linking learning across subjects & disciplines



Creativity

Trying new approaches to get things done equals innovation & invention

“

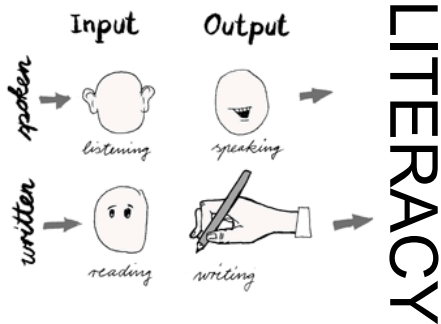
No subject of study is more
important

than **READING** ...all other
intellectual powers depend on
it.

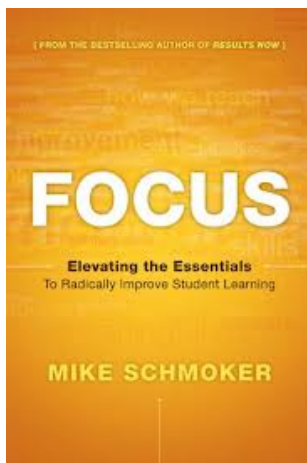
— Jacques Barzun

”

LEARNING REVOLUTION



AUTHENTIC LITERACY: TEMPLATE



- Teach Vocabulary???
- Establish a Purpose
- Model (I Do)
- Guided Practice (We Do)
- Independent Practice (You Do)
- Student Writing
- Whole-Class Discussion and Debate

**Recommended use: regularly and frequently (at least twice a week)*

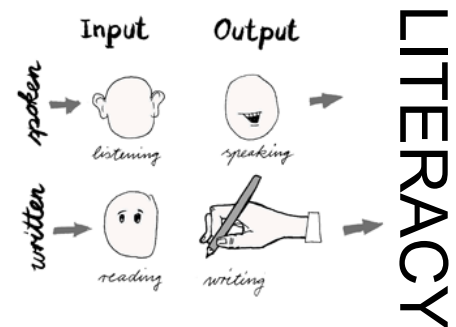
“

I WRITE because I don't
know what I think until I read
what I say.

~ Flannery O'Connor

”

STUDENT WRITING **with Reference to the Text**



- Writing Process (pre-write, revision, final draft)
- Graphic Organizers
- Model and circulate
- Share and analyze exemplar student work
- Peer evaluations

TIPS:

Focus on one trait/feature at a time.

Assign and grade only 1-3 paragraphs with limited comments and time for revision.

Have regularly scheduled "writing days" - circulate & evaluate while students work.


EVIDENCE- BASED WRITING:

6+1 TRAITS

6-Traits of Writing


Cheat Sheet

for Upper Grades




Ideas

- Knowledge of topic
- Narrowed topic
- Stays on topic; focused
- Ideas make sense; clarity
- Ideas elaborated & developed




Organization

- Prewriting
- Beginning, middle, end
- Logical order/sequence
- Transitions




Voice

- Reader-writer connection
- Sense of audience
- Writer's attitude about the topic
- Point of view




Word Choice

- Specific words, rather than general & vague (Right word, right spot)
- "Wow" words; "Purple" words
- Synonyms
- Vivid sensory descriptions/imagery
- Strong action verbs



Sentence Fluency

- Complete sentences
- Easy to read aloud
- Varied sentences (beginnings, lengths, types, etc.)
- Figurative language helps the piece sound rhythmic & musical



Conventions

- Spelling
- Capitalization
- Punctuation
- Grammar & mechanics
- Paragraph indents

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“

SPEECH is power: speech is
to persuade, to convert, to
compel.

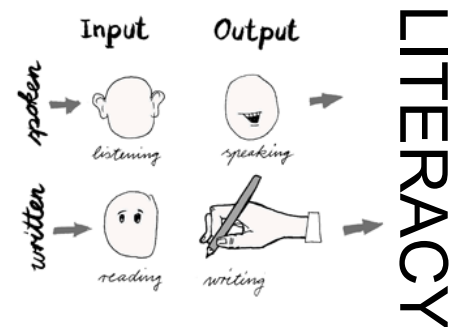
~ Ralph Waldo Emerson

If You're not **LISTENING**
you're not learning.

~ Lyndon Baines Johnson

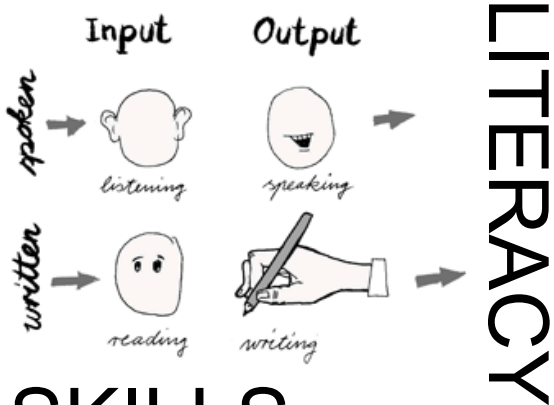
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ACADEMIC CONVERSATIONS



SPECIAL

Shake hands
Posture
Eye Contact
Charm
Introduce yourself
Ask questions
Listen



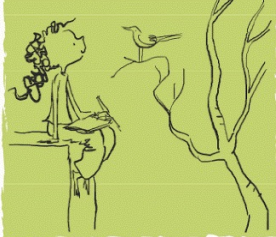
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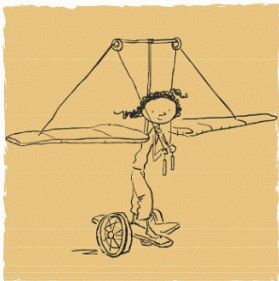
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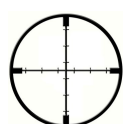
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EVOLUTION

Nonlinguistic Representations



Rat Islands

Summarizing & Note Taking

Lecture
Text
Research



*Cornell/Outline Notes,
Videos, Quizzes, etc.*

Similarities & Differences



The Great Fossil Find



Venn: Homologous and Analogous
Venn: Artificial vs Natural Selection

Process Skills [Performance Event]



Evolution: A Case Study(guppies)

Literacy



Resume
(Darwin or Wallace)



Evolution of Architecture



Concept Map

Evolution	Paleontology
Evidence	Biogeography
Direct Observation	Morphology
Homologous St.	Embryology
Analogous St.	Biochemistry
Vestigial St.	Mechanisms
Sexual Selection	Mutations
Artificial Selection	Immigrations
Natural Selection	Sexual Rep.
Heritable Variations	
Essential Requirements	
Survival & Reproduction	



= Google Classroom



= Science Notebook



= Turn in to Ms. Apple