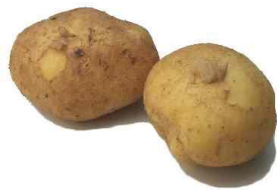


# You Say Potato and I Say...Potato?

*Blending the Diverse Flavors of Literacy into  
A Rewarding Teaching Experience*

*by Susan M. Frey, Indiana State University,  
Margit Codispoti, Indiana University – Purdue University Fort Wayne,  
and Karen Evans, Indiana State University.*





## Background

- Explore different ways literacy is defined
- Review basic theories of multiple literacies in teaching and learning



## Teaching to Multiple Literacies

- IPFW
- ISU



# LITERATE

*Acquainted with letters or literature; educated, instructed, learned (OED).*

**1560** *For I in law am not weill litterat.*

**1888** *Education is more general, our literacy greatly increased, our habits and tastes more refined.*

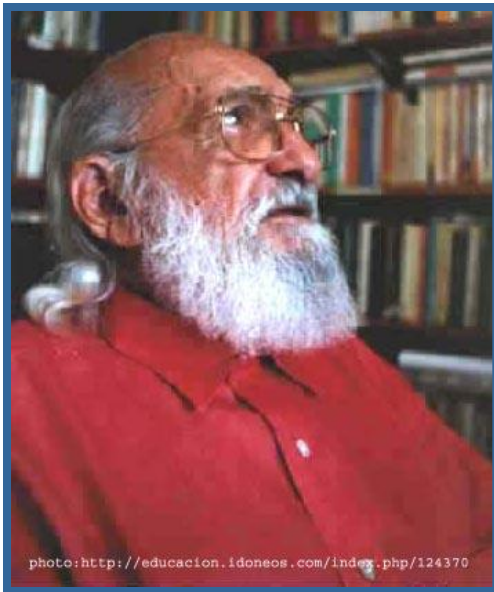
**1943** *To help many of the poverty-stricken peoples to set their feet on the path of education, manual dexterity, and economic literacy.*

**1962** *Our skills in the understanding of the medium [sc. television] and our own literacy in it are growing all the time.*



# Cultural Literacy

## *Paolo Freire*



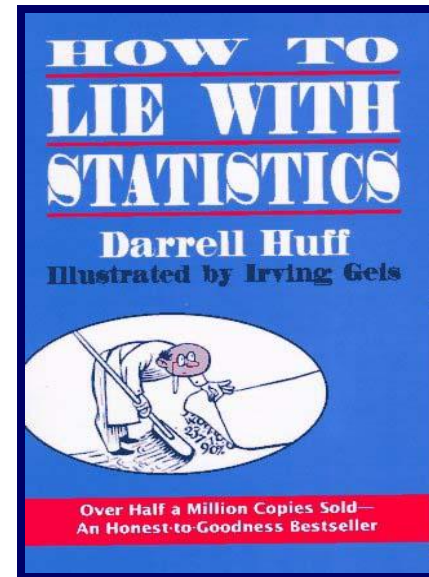
***Education either functions as an instrument which is used to facilitate integration of the younger generation into the logic of the present system and bring about conformity or it becomes the practice of freedom, the means by which men and women deal critically and creatively with reality and discover how to participate in the transformation of their world.***



# Numeral Literacy

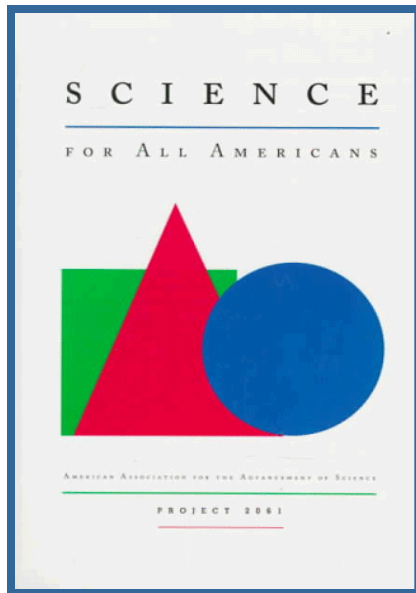
## *Darrell Huff*

***The secret language of statistics, so appealing in a fact-minded culture, is employed to sensationalize, inflate, confuse, and oversimplify. Statistical methods and statistical terms are necessary in reporting the mass data of social and economic trends, business conditions, “opinion” polls, [and] the census.***



# Scientific Literacy

*James Rutherford & Andrew Ahlgren*



A scientifically literate person is one who is:

- *Aware that science, mathematics, and technology are interdependent human experiences with strengths and limitations,*
- *Understands key concepts & principles of science,*
- *Is familiar with the natural world,*
- *Uses scientific knowledge and ways of thinking for individual & social purposes.*





# Digital Literacy

*Paul Gilster*

***When is a globe-spanning information network dangerous? When people make too many assumptions about what they find on it. For while the Internet offers myriad opportunities for learning, an unconsidered view of its contents can be misleading and deceptive. This is why critical thinking about content is the Internet competency upon which all others are founded.***









# Multiple Literacies

## *Teaching & Learning*



- *Literacy is broader than reading, writing, and numeracy (Gee),*
- *Literacies are ways of reading the world (Freire, Street),*
- *Literacies encompass more than reading words but involves reading signs, symbols, pictures, and sounds (Kalantzis),*
- *Though literacy is pluralistic it should not be splintered into discrete parts, but considered a rich, intersecting mix of social actions (Tyner).*



# New Literacy Studies

## *Brian Street*



- ***Literacy in practice varies across cultures and contexts,***
- ***Reducing literacy to simple mechanical skills fails to recognize the complexity of literacy in people's lives,***
- ***There is a need for the curriculum to embrace the complexity and richness of multiple literacies,***
- ***We need models of literacy and pedagogy that capture the complexity of actual literary practices.***

# Indiana University – Purdue University Fort Wayne



# Framework for the Baccalaureate Degree

- **Acquisition of Knowledge**
- **Application of Knowledge**
- **Personal and Professional Values**
- **A Sense of Community**
- **Critical Thinking and Problem Solving**

# IPFW Helmke Library





# **IPFW Helmke Library**

**Information literacy enables an IPFW student to recognize an information need, develop a strategy to locate, evaluate, and synthesize information, and cite sources of information accurately.**

**IPFW Helmke Library Website:  
<http://www.lib.ipfw.edu/>**



# Two-Tiered Reference Service



# ISU Cunningham Library



# INTERLINK Language Center



**INTERLINK provides its students quality training in English, culture, and academic preparation. A majority of these students go on to ISU after meeting their needs at INTERLINK.**



# INTERLINK Language Center

- Educational practices are cultural – omitting in-text citations (if one includes a bibliography) is *not* considered plagiarism in some cultures,
- Language *is* culture: language influences how people think,
- To overcome language barriers, make learning experiential.

# Bites & Bytes Program



# Bites & Bytes Program

- **Teaching elders means storytelling,**
- **Learning is social and community-based,**
- **To overcome generational barriers, make learning experiential,**
- **Active learning and storytelling can work in small groups with undergraduates.**



Many thanks Lori Alden of  
*The Cook's Thesaurus*, <http://www.foodsubs.com/>,  
who kindly gave us permission to use the website's  
terrific spud images in this presentation!

*Susan Frey*  
[sfrey@isugw.indstate.edu](mailto:sfrey@isugw.indstate.edu)

*Margit Codispoti*  
[codispot@ipfw.edu](mailto:codispot@ipfw.edu)

*Karen Evans*  
[libevak@isugw.indstate.edu](mailto:libevak@isugw.indstate.edu)



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