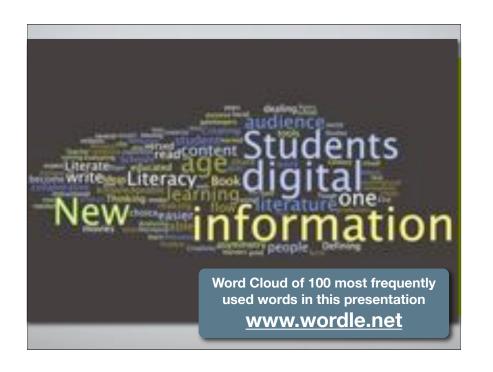






Defining 21st Century Literacy:
Key Ideas

Digital age has changed the way we interact with information (& each other).
Literacy has been redefined.
These changes dramatically alter the landscape of teaching and learning.



Literacy ~ Ability to read, spell and to communicate through written language.

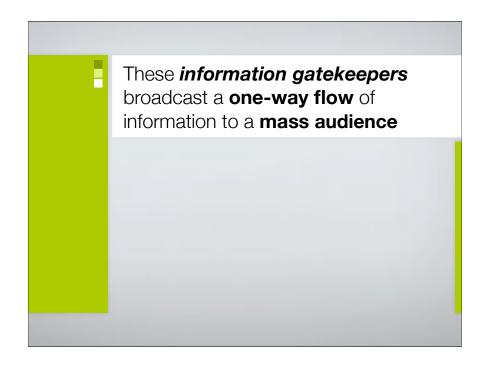
Literate ~ knowledgeable and educated in a field

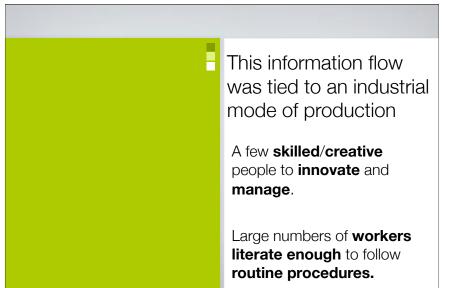
Book publishing - first of mass media information gatekeepers

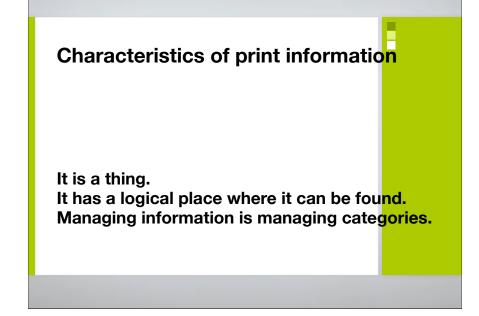
Newspapers
Recordings
Films
Radio
Television

asymmetry
of mass media

Easier to
read a
book than
write one







Schools developed as information centers.
Teachers functioned as "decentralized gatekeepers."

Teachers "knew" the information.

Students "got" it from teachers and "learned" it.

From an American high school student:

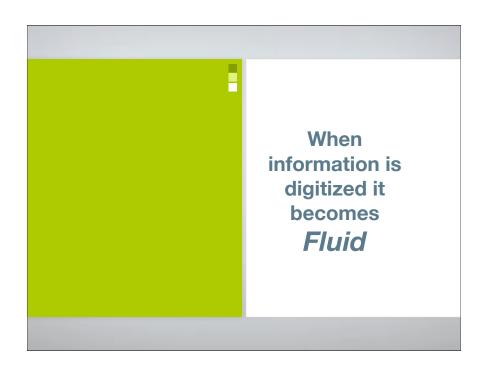
 High School Student quoted in Wiggins and McTighe
 Understanding by Design "I could memorize very easily, and became valedictorian.

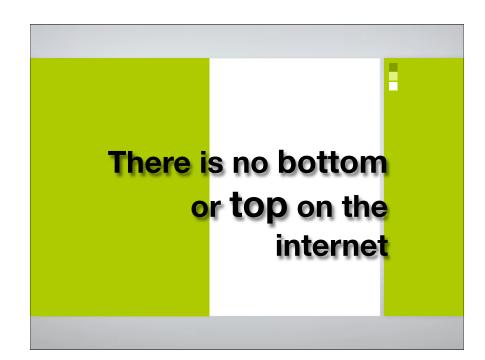
But I was embarrassed that I understood much less than some other students who cared less about grades.

I felt that my brain was a way station for material going in one ear and (after the test) out the other."

Time Magazine 1994 "The internet will never go mainstream, because it's not designed for doing commerce."











Information is everywhere.
It's not "what" you know, it's what you can do with it.

The Digital Age's Impact on:
Bloom's Taxonomy of Thinking Skills

Creating - generating new ideas
Evaluating - justifying a decision or choice
Analyzing - breaking into component parts
Applying - using information in a new setting
Understanding - explaining idea or concept

- Remembering - recalling information

Digital age "devalues" lower order skills.

Bloom's Lower - Order Skills

- Applying using information in a new setting
- Understanding explaining idea or concept
- Remembering recalling information

Digital age gives students access to information and higher order thinking tools.

Bloom's Higher-Order Skills

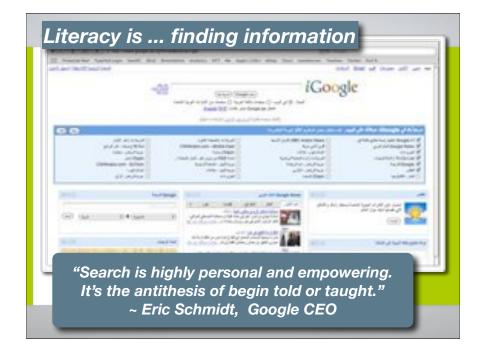
- Creating generating new ideas
- **Evaluating** justifying a decision or choice
- Analyzing breaking into component parts

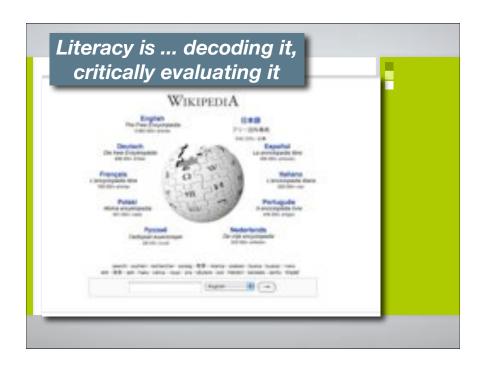
"Creativity, innovation, and flexibility will not be the special province of an elite.

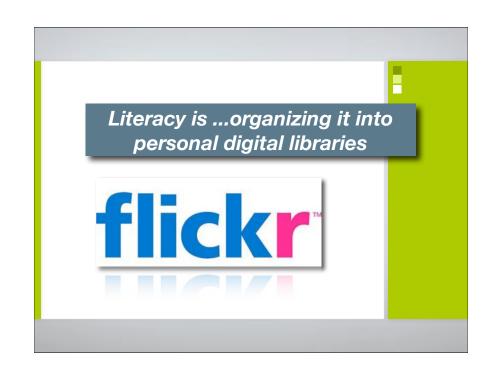
It will be demanded of virtually everyone who is making a decent living."



Literacy in the 21st century will mean the ability to: find information, decode it, critically evaluate it, organize it into personal digital libraries, and find meaningful ways to share it with others. ~ David Warlick

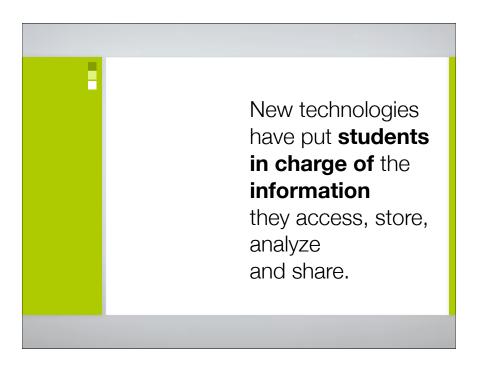


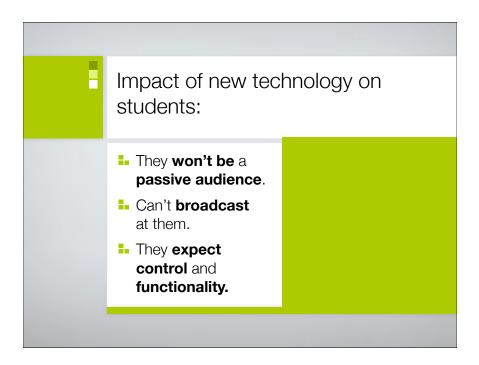






What happens to schools when life's become an open book test?









Students are using new digital media to share their creativity with the world

What can schools do to support learning in the digital age?

Align instruction with new information literacy skills Literacy in the 21st century will mean the ability to: find information, decode it, critically evaluate it, organize it into personal digital libraries, and find meaningful ways to share it with others. ~ David Warlick

Monitor the information flow and and thinking in the classroom

How is information flowing through the class?
What level of thinking skills are students using?
How do students share what they've learned?
Who is the audience?
What is the purpose?

Digital age motivates students with choices

#1 factor for improving student motivation is choice.

Not whether the student does the assignment, but how they engage in the work.

~Doug Reeves

Traditional Writing is Writing Assigned Assigned with Choice Students are asked to Students can write only on the develop topics that teacher's topics. matter to them. **Audience and purpose** Student writes for writing for the teacher. is identified. Students are asked **Teacher grades** to reflect on their writing. their growth.

My
workshops
will focus on
three
instructional
strategies

My

Suppose the provided of the provided in the pro

Move teacher from dispensing information to instructional designer

Rigor - analyzing, evaluating, creating
Relevance - students select their strategy
Reflection - student evaluates their progress

Product that asks students to communicate their thinking

What skills will the 21st century workplace require? - Literacy - Numeracy - Self-discipline Creativity and adaptability they must be flexible independent learners

