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“21st Century Literacy Skills”

Pathways to Hope and Possibility

Dr. Darryl Adams



President Obama Commends Dr. Adams for Leadership– Nov. 2014



Literacy in the 21st Century

Literacy in the 21st century involves more than teaching students to read books and write using pen and paper; it's essential that teachers prepare students to use the Internet and other information-communication technologies successfully (Karchmer, Mallette, Kara-Soteriou, & Leu, 2005).

**“Literacy is...the road to
human progress and the
means through which every
man, woman and child can
realize his or her full
potential.”**

- Kofi Annan



For Discussion

- Reading is Fundamental
- 21st Century Literacy Skills
- Processes and Programs That Work



**Reading
Is
Fundamental**

Literacy skills are recognized as one of the strongest predictors of academic success.



Reading proficiently by the third grade is considered a “make-or-break benchmark in a child’s educational development,” according to the Annie E. Casey Foundation.

Nearly 75 percent of children
who are considered poor
readers in the third grade will
remain poor readers in high
school.



Research shows that regular reading:
improves **brain** connectivity.
increases your vocabulary and
comprehension.
empowers you to empathize with other
people.
aids in sleep readiness.
reduces **stress**.
lowers blood pressure and heart rate.
fights depression symptoms.
prevents cognitive decline as you age.

Talk about what you are going to read. A position statement from the National Association for the Education of Young Children states that “it is the talk that surrounds the storybooks reading that gives it power, helping children to bridge what is in the story and their own lives.”

Reading aloud is one easy way for family members and friends to assist children in building and improving reading skills. When you read aloud to a child, they learn books can be fun and exciting. Using different voices for different characters in a book can bring the book to life.

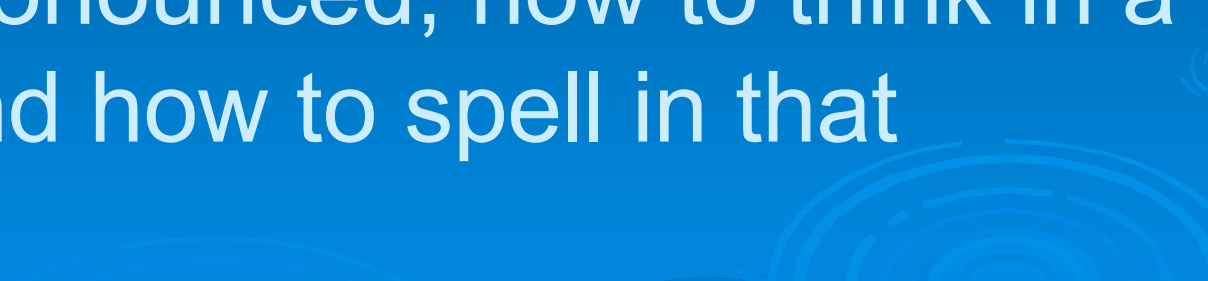
What are fundamental reading skills?

- The alphabet,
- The concept of print,
- Decoding,
- Phonological awareness,
- Phonics,
- High-frequency words,
- Fluency
- Comprehension
- and Writing.

The Alphabet


Helps to form the basis of our language and communication for a lifetime.

Learning the **alphabet** as the foundation of our spoken language gives us the advantage of **knowing** how letters and words are pronounced, how to think in a language, and how to spell in that language.

The background of the slide is a solid blue color. In the bottom right corner, there are several faint, concentric white circles that resemble ripples on water, adding a decorative touch to the design.

Decoding

A key skill for learning to read. It involves using letter-sound relationships to pronounce written words. Many kids learn to **decode** through structured literacy instruction.


The background of the slide is a solid blue color. In the bottom right corner, there are several concentric white circles of varying sizes, resembling ripples on water, which add a decorative element to the slide.

Concepts of Print

Refers to the awareness of 'how **print** works'. This includes the knowledge of the **concept** of what books, **print**, and written language are, and how **they** function. It encompasses a number of understandings that allow the **reading** process to take place including: understanding that **print** conveys a message.

Phonological awareness


The foundation for learning to read.
It's the ability to recognize and work
with sounds in spoken language.

A decorative graphic in the bottom right corner of the slide, consisting of several concentric circles of varying sizes and shades of blue, creating a ripple effect on a water surface.

Phonics

Phonics helps children hear, identify and use different sounds that distinguish one word from another in the English language.


...it involves matching the sounds of spoken English with individual letters or groups of letters.



High-frequency words

Words that appear most often in printed materials.

Students **are** encouraged to recognize these **words** by **sight**, without having to “sound them out.” ... 100 **high frequency words** make up 50% of **words** we read and write.



Fluency

Fluency is defined as the ability to **read** with speed, accuracy, and proper expression. In order to understand what they **read**, children must be able to **read** fluently whether they are **reading** aloud or silently.

When **reading** aloud, **fluent readers** **read** in phrases and add intonation appropriately.

Comprehension

- the process of simultaneously extracting. and constructing **meaning** through interaction and involvement with written. language.

Writing

- allows students to organize their thoughts and provides a **means** by which students **can** form and extend their thinking, thus deepening understanding. Like **reading-to-learn**, **writing can be a meaning-making process. ...**

It Takes a Team to Realize the Dream of 21st Century Literacy for All

- Teachers, Parents, Grandparents, Aunts, Uncles, Sisters and Brothers all must be involved to realize this dream. 21st Century Literacy for All to prepare all students for College, Career and Citizenship!

21st Century Literacy Skills



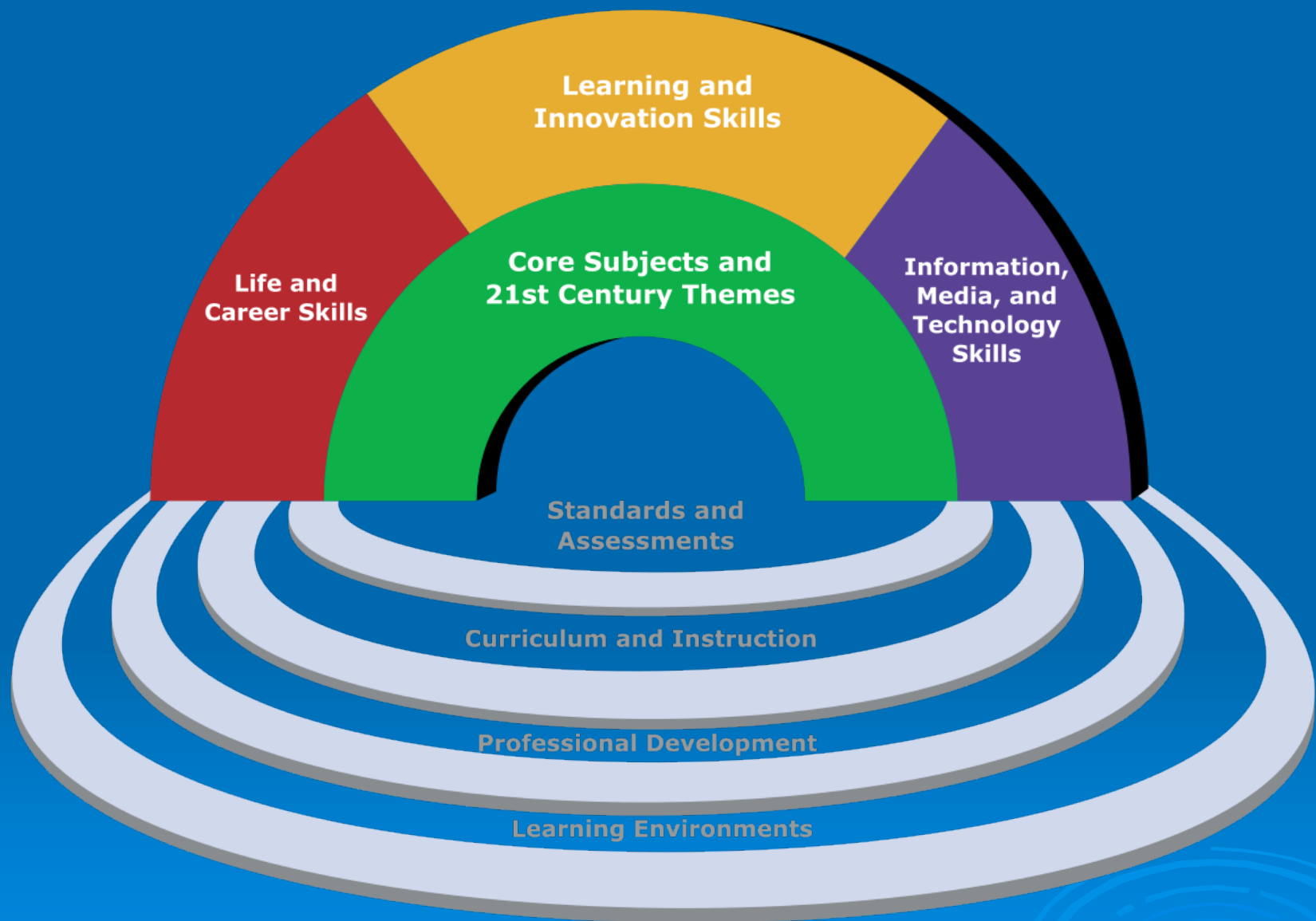


Figure 1 - P21 Framework for 21st Century Learning

21st Century Literacies

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graph TD; A[21st Century Literacies] --> B[Ethical Literacy]; A --> C[21st Century Citizenship]; A --> D[Basic Literacy]; A --> E[Media Literacy]; A --> F[Information Literacy]; A --> G[Intercultural Literacy]; A --> H[Network Literacy]
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Ethical Literacy

21st Century Citizenship

Basic Literacy

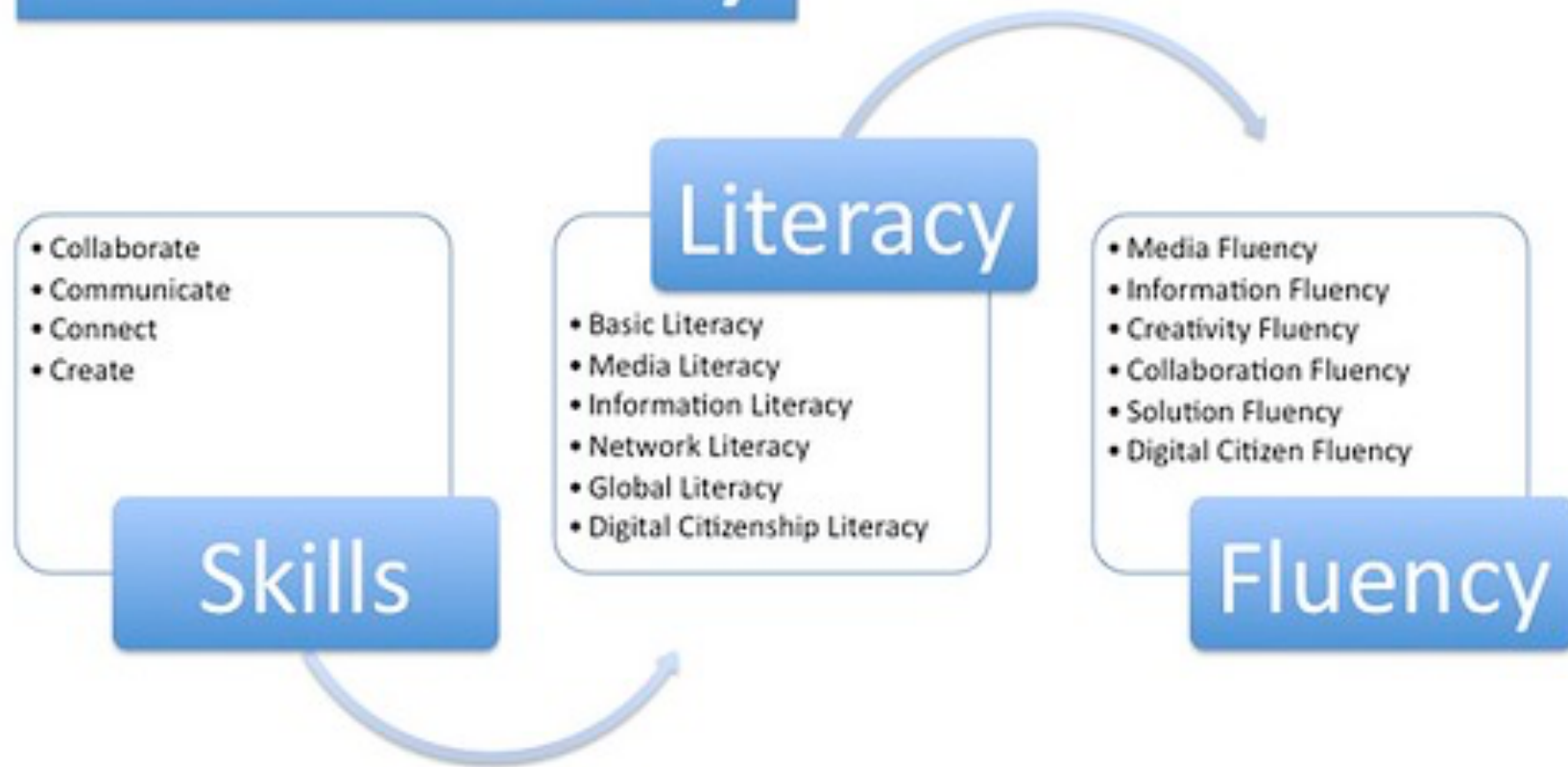
Media Literacy

Information Literacy

Intercultural Literacy

Network Literacy

21st Century



21st-Century Skills

Foundational Literacies

How students apply core skills to everyday tasks



1. Literacy



2. Numeracy



3. Scientific literacy



4. ICT literacy



5. Financial literacy



6. Cultural and civic literacy

Competencies

How students approach complex challenges



7. Critical thinking/
problem-solving



8. Creativity



9. Communication



10. Collaboration

Character Qualities

How students approach their changing environment



11. Curiosity



12. Initiative



13. Persistence/
grit



14. Adaptability



15. Leadership



16. Social and cultural
awareness

Lifelong Learning



1:15-2:00

ELD

2:00-2:50

Science/S. Studies

Genie

Setting



FINANCIAL LITERACY

AN IMPORTANT 21ST CENTURY SKILL

PART 1



Other 21st Century Literacy Skills

- Text-messaging,
 - Blogging,
- Social networking,
 - Podcasting,
- and Videomaking.

Programs That Work




How can schools improve literacy?

1. Set aside time for independent reading,
2. Create **Literacy**-Rich Classrooms and environments Pre-K-12,
3. Support High-Quality Classroom and Digital Libraries,
4. Encourage Read Alouds (being sensitive to those who may find it difficult),
5. Create a 'Caught Reading' Campaign that features Admin Leaders as Readers,
6. Invite Guest Readers into Classrooms and
7. Encourage and Make Reading Fun and a Part of the School and Community Culture

Suggested Reading Programs

READ 180 is the leading blended learning intervention program building reading comprehension, academic vocabulary, and writing skills for struggling students in Grades 4 and up.



Suggested Reading Programs

Lexia Core5 Reading is an Interactive reading program promotes targeted, individualized growth

Bottom line: A good blended reading platform that offers students some choices, and teachers, actionable data and useful offline resources.

Suggested Reading Programs

IXL

For Pre-K through Grade 12, IXL uses phonics, **reading** comprehension and writing strategies to help **learners** develop the communication skills needed for success in **school**, college, and career.

Suggested Writing Programs

ThinkCERCA

Well-structured lessons encourage deep analysis, thoughtful writing

Bottom line: This is a ready-to-go, research-backed resource that focuses intently on CCSS-aligned and AP-level critical reading and writing skills.

Digital Security for Schools and Parents

- Common Sense Education

www.commonsense.org

- ConnectSafely

www.connectsafely.org



Thank you and Happy Reading!

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