

Thematic Textual Analysis of Picture Books for Health Education



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MIAMI UNIVERSITY



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Children's Picture Book Database
at Miami University (CPBD@MU)



Cleveland State University

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*engagedlearning*TM

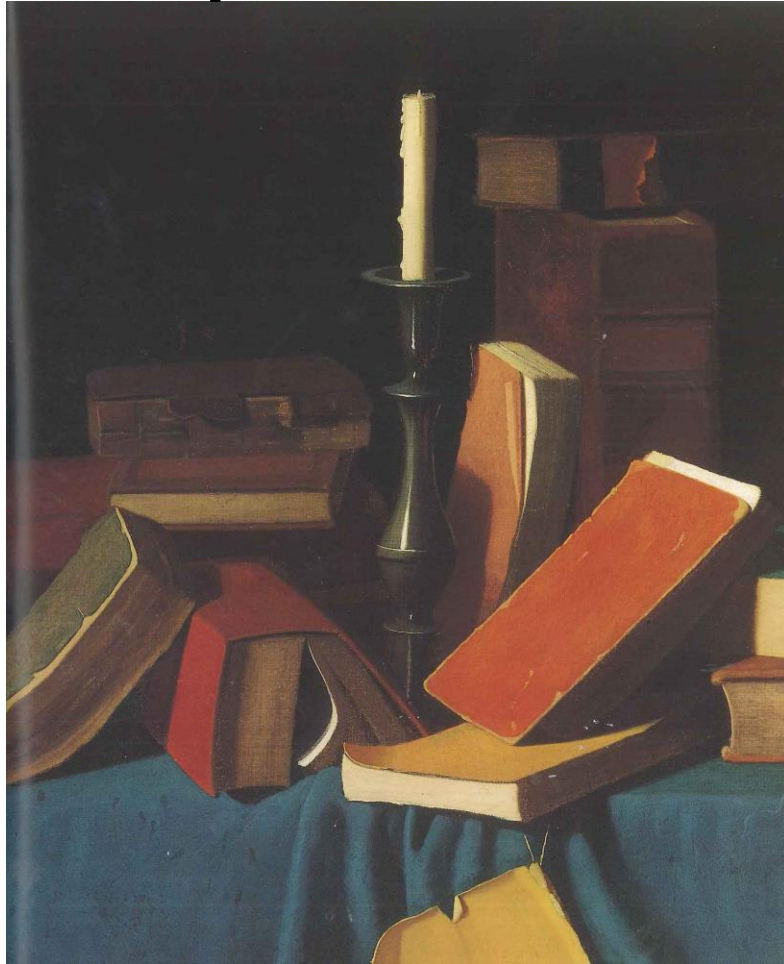


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Timken Museum of Art

Acquisitions 1995-2005



In the Library, 1894/1900

Fischer, H. & Simpson, F. W. (Eds.). (2006).
Timken Museum of Art: Acquisitions 1995-2005.
San Diego: The Putnam Foundation, Inc.



Context and Rationale

- The history of health education is an important but frequently overlooked aspect of professional preparation.
- Identification, selection, and preservation of documents and materials are lacking in the health education literature.
- Historical research gives perspective. It is a process of critical inquiry into past events to produce an accurate description and interpretation of those events.
- Barzun and Graff (1992) suggested that history is not a subject unto itself but rather a mode of thinking that incorporates reflection upon the past.
- Historical research uses no single research method because of its complexity and all-encompassing nature. Mixed Method research can produce more complete knowledge and better inform theory and practice. It allows the researcher to explore both the data generation and the procedures for analyzing the data.
- Constructivist theory focuses on building new knowledge based upon the foundation of previous learning. Within this construct, learning is a search for meaning. Meaning making leads individuals to “understanding” which lays the foundation for multiple perspectives and historical story telling by many.

Historical Context: 1836-1900

Civil War 1861-1865



Education was not compulsory and most children worked in factories



- ◆ In 1830, 35 percent of white children between the ages of 5 and 19 spent time in school when the first edition of the McGuffey Readers was released.
- ◆ In 1859, 50 percent of children spent time in school.
- ◆ In 1870, 61 percent of children spent time in school.
- ◆ By 1890, two out of three children enrolled in school during the years of McGuffey's greatest popularity (Gorn, 1998).
- ◆ Throughout the nineteenth century, the spoken word was highly valued.

- ◆ 1885 - American Association for the Advancement of Physical Education (AAAPE) was founded.
- ◆ 1894 - Department of Child Study was founded within the National Education Association (NEA). Included a focus on health.



McGuffey Readers

- ◆ The Primer, 1st & 2nd Readers were published in 1836.
- ◆ Mrs. McGuffey prepared the *Primer*, keeping her authorship secret.
- ◆ The 3rd & 4th Readers were published in 1837.
- ◆ McGuffey's brother Alexander wrote the 5th Reader in 1844 & the 6th in 1857.
- ◆ In 1841 the original publishing partnership dissolved.
- ◆ The 1879 editions taught morality and good character to the emerging middle class and provided children with a common knowledge and worldview.
- ◆ By 1879 more than 60 million had been sold.
- ◆ By 1960 more than 120 million copies were sold.
- ◆ Since 1961 they have continued to sell at a rate of some 30,000 copies a year.
- ◆ In 2011 they are still in use.

Curricular Decisions

- ◆ Spelling, reading, writing, arithmetic, geography, history, grammar, civics and physiology are the subjects usually taught in the common schools of every state.
- ◆ McGuffey Readers afforded schools the opportunity for distinct ethical teaching.
- ◆ Topics such as patriotism, civics, government, physiology, the laws of health, morals, manners were addressed.

Purpose & Brief Description

- The purpose of this project was to use Thematic Textual Analysis as a part of a Mixed Method Research Design to analyze picture books in Health Education.
- This project focused on the comparison of themes found within the **Children's Picture Book Database at Miami University (CPBD@MU)** and four of the six books from the **McGuffey Readers** Series.
- This project provides an example of practical historical research and utilizes a Mixed Method Research Design through the lens of human health.
- Our work demonstrates how data were collected, what process was applied to the thematic analysis, what limitations we faced as we completed this project for health education, and how the construction of this information can contribute to the professional literature.

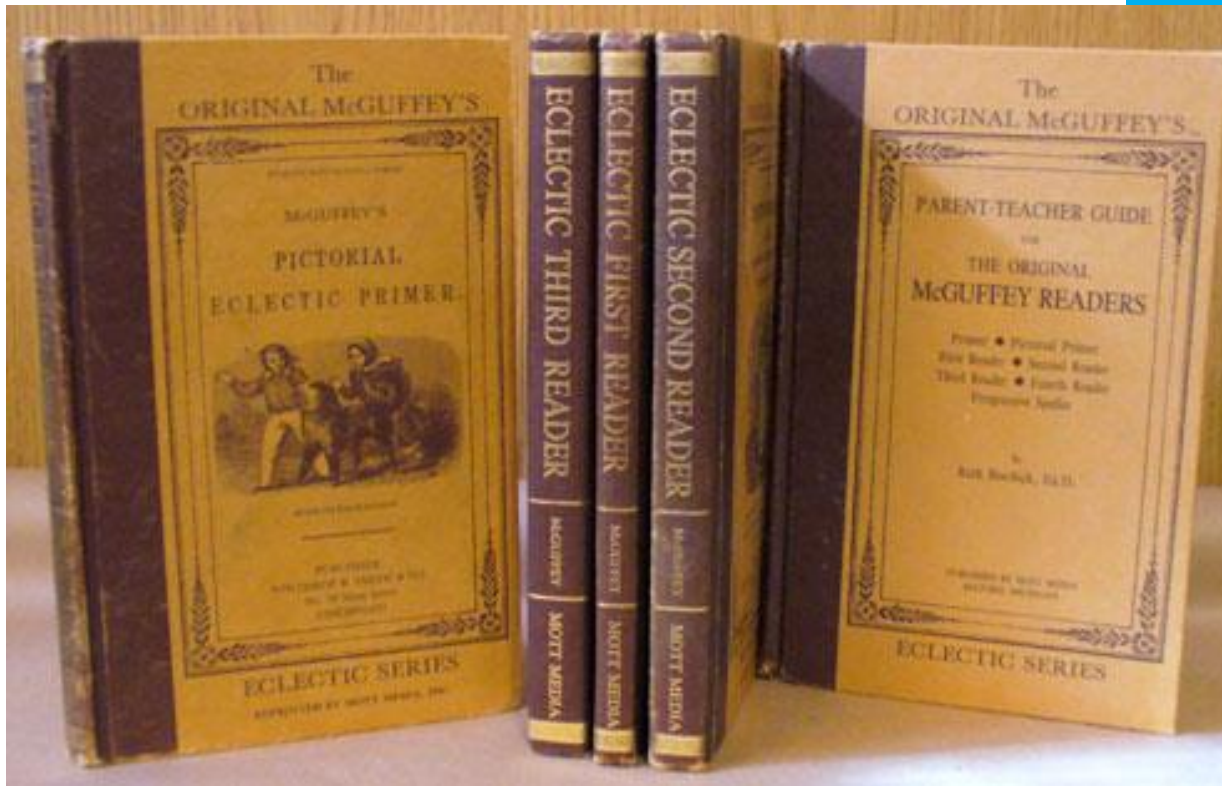
Picture Books

What are Picture Books?

- Picture books are also known as narrative texts.
- As a genre, picture books provide words and images in an integrated way, supported often by numbers, rhythms, body language, and environmental cues.
- Picture books are written as story books or easy readers for early childhood.
- Picture books can also be read by adults who are learning to read.

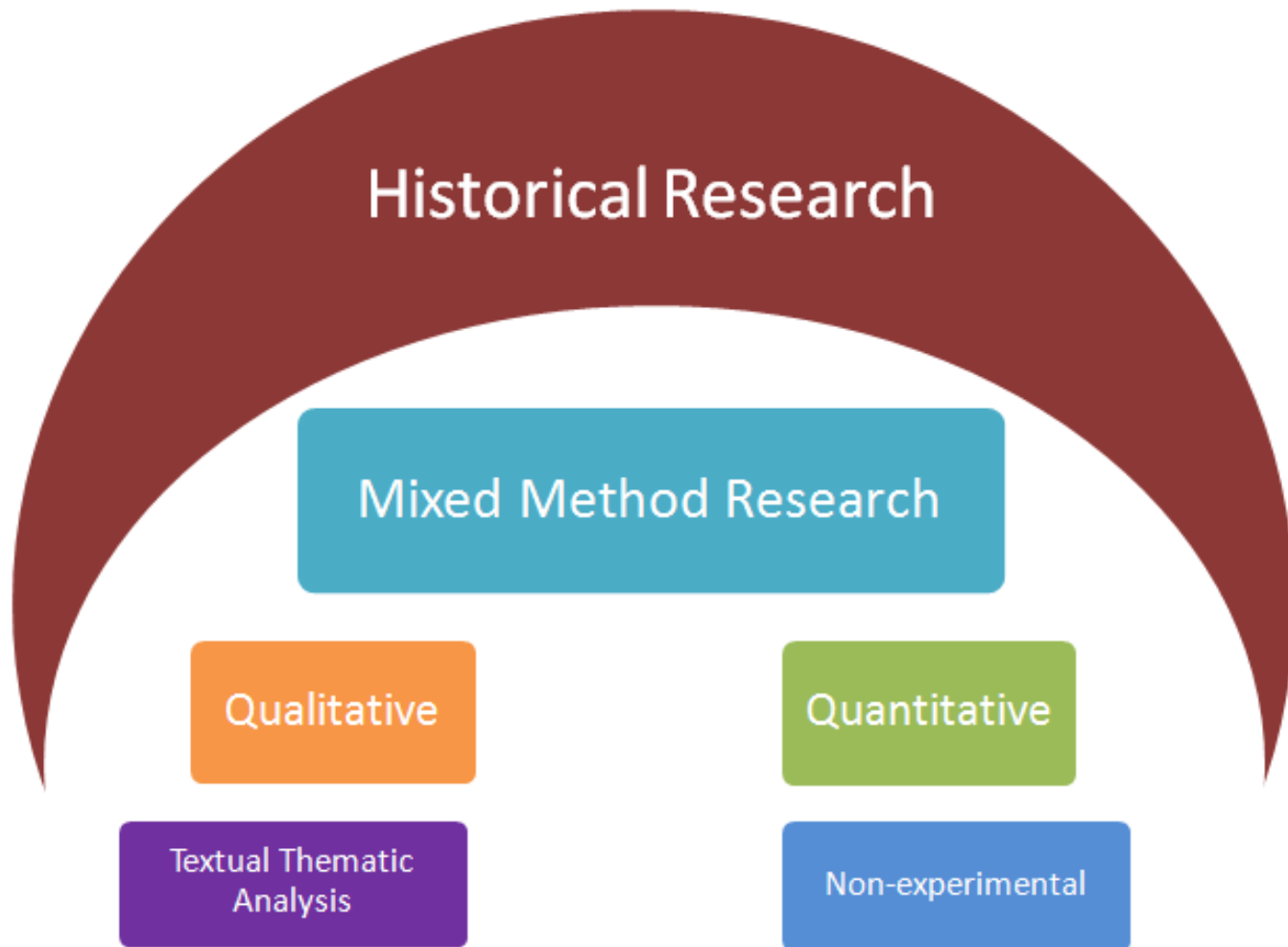


McGuffey Readers



The 1879 version of the Readers were redesigned by the noted Cincinnati artist Henry Farny. The new updated high quality illustrations were well suited to children's interests and were highly realistic and closely related to the text. These changes further expanded the *Readers'* popularity.

Research Design



Historical

- Historical research is a rigorous collection and organization of information, data, or evidence that requires verification of the authenticity and veracity of information and its sources.
- Historical research involves critical analysis of the data; selection, organization, and analysis of the most pertinent collected evidence (data synthesis); and development and recording of conclusions in a meaningful manner.

Mixed Methods Research

The class of research where the researcher mixes or combines quantitative and qualitative research techniques, methods, and approaches into a single study.

Strengths and Weaknesses of Mixed Research

Strengths

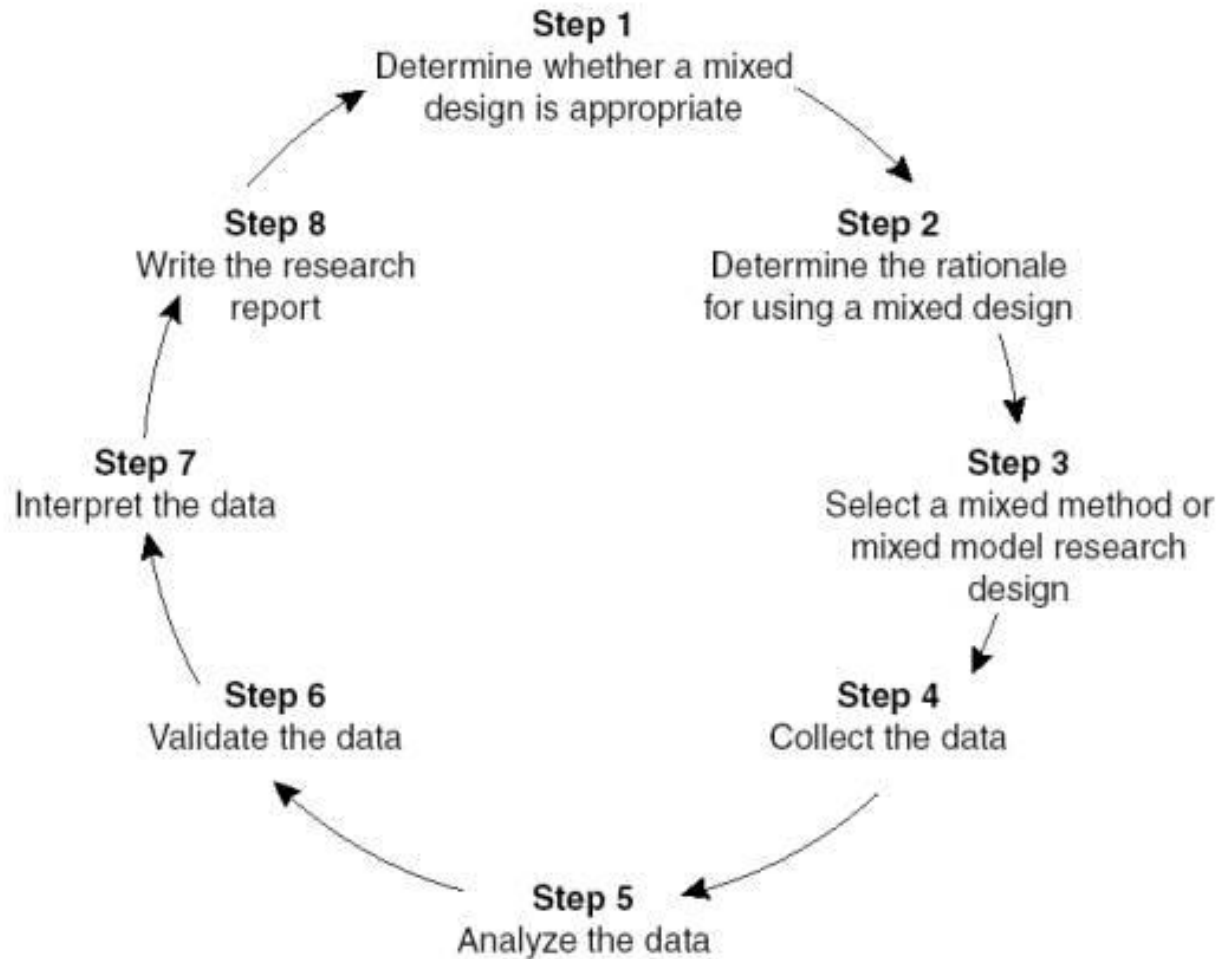
- Qualitative and quantitative research used together produce more complete knowledge necessary to inform theory and practice.
- Can answer a broader and more complete range of research questions because the researcher is not confined to a single method or approach.
- Words, pictures, and narrative can be used to add meaning to numbers.
- Numbers can be used to add precision to words, pictures, and narrative.
- Can add insights and understanding that might be missed when only a single method is used.
- A researcher can use the strengths of an additional method to overcome the weaknesses in another method by using both in a research study.

Weaknesses

- May require a research team.
- Researchers need to learn multiple methods and approaches and understand how to mix them appropriately.
- Methodological purists contend that one should always work within either a qualitative or a quantitative paradigm.
- Time intensive.
- Some of the details of mixed research remain to be worked out fully by research methodologists (e.g., problems of paradigm mixing, how to qualitatively analyze quantitative data, how to interpret conflicting results).

Adapted from Johnson & Onwuegbuzie, 2004.

Steps in the Mixed Research Process



Thematic Textual Analysis

- is a method for identifying, analyzing, and reporting patterns (themes) within data. At a basic level, it allows for organization and description of data.
- is widely used but there is limited agreement about the steps and procedures researchers should follow.
- Focuses on words and phrases that are used in a message.

Thematic Textual Analysis

This thematic analysis was conducted based on a six step method described by Braun and Clarke (2006).

- Step 1 Become familiar with the data.
- Step 2 Generate initial codes.
- Step 3 Transform codes into grouped data and organize into categories.
- Step 4 Review themes determine representativeness.
- Step 5 Define and label categories.
- Step 6 Link themes to existing literature.

Example: The Original Project

We constructed a contextual and thematic method of analysis to aid in the documentation and interpretation of health education conference themes over the past 35 years across four professional organizations (AAHE, SOPHE, ASHA, and APHA).

Table 1. Conference Themes by Association, Year and Location

Association	Year	Theme	City	State
ASHA	1975		Denver	CO
	1976	The Golden Anniversary Convention	New Orleans	LA
	1977		Atlanta	GA
	1978		Dearborn	MI
	1979	The International Year of the Child and School Health	San Diego	CA
	1980		Dallas	TX
	1981		Washington	DC
	1982	Cross Cultural Aspects of School Health	Phoenix	AZ
	1983	Marketing School Health	Louisville	KY
	1984	Kids are Consumers Too	Pittsburgh	PA
	1985	Health Promotion Through the Schools	Little Rock	AK
	1986	Child Health: America's Wealth, An Investment in the Future	Denver	CO
	1987	New Dimensions in School Health -- A Challenge for the 90s	Indianapolis	IN
	1988	America's Schools -- Magic Kingdoms for Health Promotion	Lake Buena Vista	FL
	1989	Building Self-Esteem: Prescription for Schools	Chicago	IL
	1990	Partnerships for School Health Programs	Long Beach	CA
	1991	Promoting An International Responsibility for Healthy Children	Dearborn	MI
	1992	Changes in the American Family: The Impact on School Health	Orlando	FL
	1993	Adolescence: Health Challenge for the 90s	Pittsburgh	PA
	1994	Socioeconomically Disadvantaged Youth - Children At Risk	Houston	TX
	1995	Teaching Children In and About a Healthy World	Milwaukee	WI
	1996	Challenge for the Nation: Creating a Real Contract with America's Kids	St. Louis	MO
	1997	Helping Children Choose Healthy Lifestyles	Daytona Beach	FL
	1998	Refocusing School Health Programs to Address Public Health Priorities	Colorado Springs	CO
	1999	Collaboration: The AC@ Word for the 21 st Century	Kansas City	MO
	2000	Schools and Communities: Partners for Children's Health	New Orleans	LA
	2001	Back to the Future: School Health in the 21 st Century	Albuquerque	NM
	2002	Advocacy for Student Health and School Success	Charlotte	NC
	2003	School Health Beyond the Borders	El Paso	TX
	2004	School Facilities: Safe or Sorry	Pittsburgh	PA
	2005	Supersize Prevention: Obesity, Diabetes and Other Critical Issues	Burbank	CA

Table 2. Literal Theme Analysis

Change	Year	Theme	City	State
ASHA	1992	Changes in the American Family: The Impact on School Health	Orlando	FL
SOPHE	1984	The Science of Change: Self, Client, Profession, Society	Anaheim	CA
SOPHE	1993	Bridges to Change	San Francisco	CA
SOPHE	2004	The Power and Influence of Health Education: Promoting Monumental Change	Washington	DC
SOPHE	2008	Catching the Wave: Changing Tides of Health Education and Health Promotion	San Diego	CA
AAHPERD/AAHE	1970	We Ourselves Must Change to Master Change	Seattle	WA
AAHPERD/AAHE	1998	Change ... the Only Constant	Reno	NV
Diversity				
SOPHE	2003	Leadership and Diversity: Bridges to a Golden Health Education Era	San Francisco	CA
AAHPERD/AAHE	1989	Strength through Diversity	Boston	MA
APHA	1994	Public Health and Diversity: Opportunities for Equity	Washington	DC
Environment				
APHA	1981	Energy Health and the Environment	Los Angeles	CA
APHA	1993	Building Health Environments	San Francisco	CA
APHA	2004	Public Health and the Environment	Washington	DC
Family				
ASHA	1992	Changes in the American Family: The Impact on School Health	Orlando	FL
APHA	1979	Child and Family Health in America	New York	NY
Future				
ASHA	1986	Child Health: America's Wealth, An Investment in the Future	Denver	CO
ASHA	2001	Back to the Future: School Health in the 21 st Century	Albuquerque	NM
ASHA	2009	Healthy Kids, Healthy Lives, Healthy Futures		
AAHPERD/AAHE	1974	Share in the Future	Milwaukee	WI
AAHPERD/AAHE	1995	Bridges for Our Future	Portland	OR
AAHPERD/AAHE	2005	The Present is our Future	Chicago	IL
AAHPERD/AAHE	2006	Visions for our Future--Reflections on our Past	Salt Lake City	UT
APHA	1978	Creating the Future of Public Health	Los Angeles	CA
APHA	1990	Forging the Future: Health Objectives for the Year 2000	New York	NY

Figure 4. Thematic Analysis of Conference Themes

Table 3. Topical Themes by Subjective Interpretation

Event-Related Themes by City

AAHPERD/AAHE

- 1974 Fantasy (Disneyland) - Anaheim, CA
- 1981 Sailing - Boston
- 1996 Olympics - Atlanta
- 1997 Spirit of St. Louis - Flight - St. Louis, MO

ASHA

- 1986 Mint (Wealth- Investment) - Denver
- 1988 Magic Kingdom (Disneyworld) - Lake Buena Vista, FL
- 1989 AMA (Prescription) - Chicago
- 2003 Border - El Paso
- 2007 Many Cultures - Honolulu

SOPHE

- 1983 Frontier - Dallas
- 1986 Odds - Las Vegas
- 1990 Brooklyn Bridge - NYC
- 1991 Centers for Disease Control and Prevention (CDC) - Atlanta
- 1993 Golden Gate Bridge - San Francisco
- 1996 Statue of Liberty - NYC
- 1997 Crossroads - Indianapolis
- 1998 Politics - Washington, DC
- 2000 Revolution - Boston
- 2002 Declaration of Independence - Philadelphia
- 2003 Golden Gate Bridge - San Francisco
- 2004 Washington Monument - DC
- 2008 Sailing (Charting Course, Tides) - San Diego

APHA

- 1997 National Identity - Washington DC
- 1982 International Perspective - Montreal
- 1985 Government - Washington DC
- 1991 Public Health - Atlanta
- 2008 Border - San Diego

Critical Questions

- What are health-related themes?
- Where are health related themes in the literature?
- What constitutes health-related relevant texts for Health Education?
- What materials will be examined for health-related themes?

Selection of New Materials

- McGuffey Readers
- Children's Picture Book Database at Miami University

Both have a history with Miami University in Oxford, OH.

Both are collections of educational materials.

Both are faculty projects for dissemination.

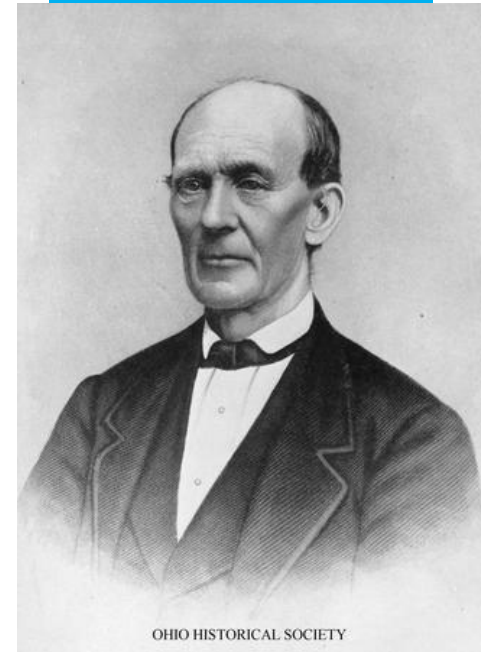
One was published and continues to be sold;

One was published with students and disseminated as service learning.

William Holmes McGuffey (1800-1873)



A teacher since the age of 14, McGuffey was a professor of ancient languages at Miami University from 1826 until his resignation in 1836. He then served as president of Cincinnati College (1836-1839) and Ohio University (1839-1843). Returning to Cincinnati, McGuffey taught at Woodward College from 1843 until 1845, when he became a professor of moral philosophy at the University of Virginia. He remained there until his death. He was ordained as a Presbyterian minister in 1829.

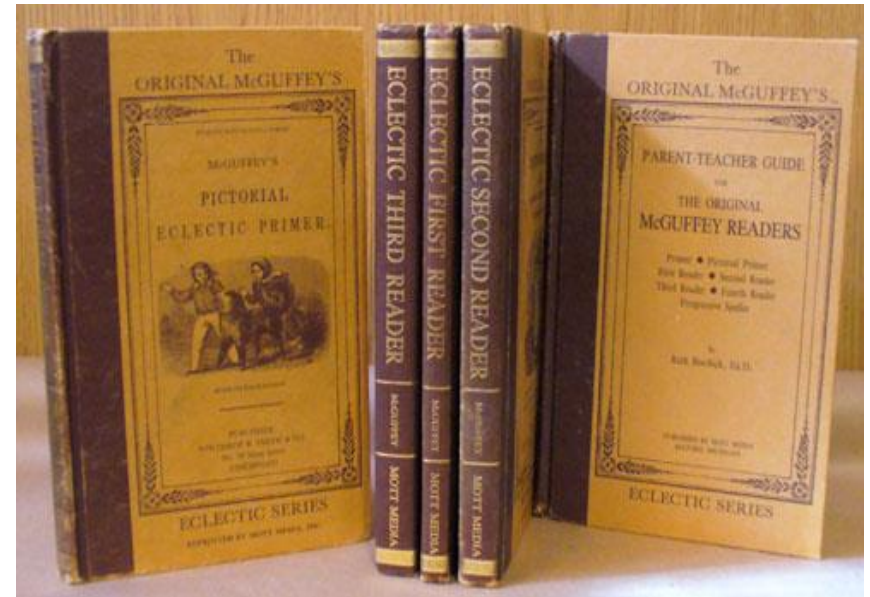


He married Harriet Spining of Dayton, Ohio on April 3, 1827. In addition to three boys who died either in infancy and childhood, their children included two daughters, Mary McGuffey Stewart (1830-1910) and Henrietta McGuffey Hepburn (1832-1922). Henrietta's husband, Andrew D. Hepburn (1830-1921), was president of Miami University from 1871 to 1873 and a professor in Miami's English department for many years.

McGuffey Readers



A series of books prepared by William H. McGuffey to teach reading to schoolchildren. The series began to appear in the mid to late 1830s. The Readers were widely used in the nineteenth century and are still **currently** in use.



The 1879 edition purportedly taught morality and good character to the emerging middle class and provided children with a common knowledge and worldview. These Readers have had a profound influence on public education in the U.S.

Children's Picture Book Database @MU

- The CPBD@MU is a searchable database of developmentally appropriate literature for use with young children, preschool to grade 3. This multidisciplinary, learner-centered resource allows for searches of keywords, topics, concepts, and skills to locate books with storylines adaptable to curricular needs.
- Project Director and Designer:
 - Valerie A. Ubbes, PhD, CHES
 - With Miami University Libraries and Students

Purpose of the Database

- An on-line bibliographic database searchable by topics, concepts, and skills;
- Used for designing literature-based thematic units in early childhood subject areas;
- Provides abstracts of 5000+ picture books and multiple keywords for each book to increase access to a variety of topics, concepts, and skills.



Children's Picture Book Database at Miami University

Welcome to our academic website which gives teachers, librarians, parents, and students a place for designing literature-based thematic units for all subjects.

Our site offers you:

- abstracts of over 5000 children's picture books;
- search capabilities for over 950 keywords, including topics, concepts, and skills which describe each book;
- weblinks for keywords so you can integrate your up-to-date content knowledge with our picture book resources.

Enter your zipcode:

Enter a one word search or click [here](#):

WEBSITE http://www.lib.muohio.edu/pictbks/	
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Read more about the [Children's Picture Book Database](#).

Background: Design Elements

1. How is it structured?

Bibliographic data

Instructional design elements, e.g., topics, concepts, and skills

2. How does it function?

Types (forms) of searches

3. What is its value?

Audience and Access

1. How is it structured?

1.1 As bibliographic data

1.2. Searchable three ways

- Keyword disciplinary search
- Alphabetical keyword search
- Boolean keyword search

1.3. Organized by curriculum design elements

- Topics
- Concepts
- Skills

1.1 Sample Bibliographic Entry

Crowther, Robert (2001). [Colors](#). Cambridge, MA: Candlewick Press.

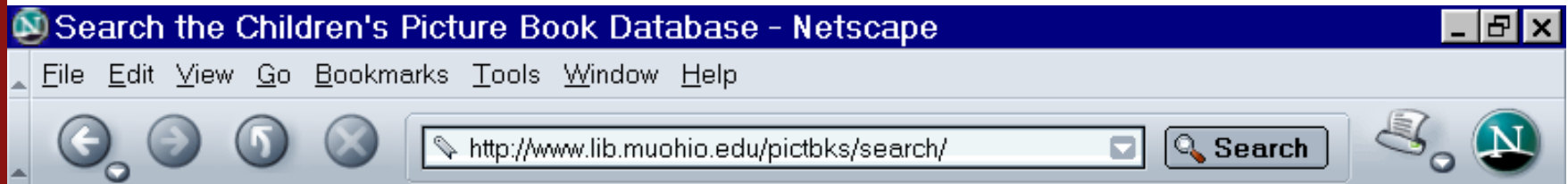
■ **Abstract:**

Objects from everyday life are described based on their colors. Through interactive pull-down pages, children will have hours of fun learning colors from everyday objects in their environment.

Abstract provided by Douglas Matthews, 2006 for the *Children's Picture Book Database at Miami University*.

- **Keywords:** [[Amphibians](#)] [[Animals](#)] [[Art](#)] [[Birds](#)] [[Colors](#)] [[Critical Thinking](#)] [[Crustaceans](#)] [[Food](#)] [[Identification](#)] [[Insects](#)] [[Nature](#)] [[Nonverbal Communication](#)] [[Plants](#)] [[Shadows](#)] [[Shells](#)] [[Shrimp](#)] [[Sun](#)] [[Weather](#)]

1.2. Searchable three ways:



Search the Children's Picture Book Database

You may use three different options when searching the database. The three searches are:

1. **[Keyword Search](#)**
Select a keyword from a list of disciplines (Areas of study).
2. **[Alphabetic Search of Keywords](#)**
Select the same keyword as above, but in alphabetical order.
3. **[Boolean Combination Search](#)**
Select from additional fields (e.g., author, publisher, date, abstract provider, etc.) or a combination of fields to limit your search.

WEBSITE	
http://www.lib.muohio.edu/pictbks/	
	Search the Database
	Site Legend
	About Our Site
	About Us
	User Survey And Comments

Keyword Disciplinary Search

Select from the categories below to see a list of keywords for that category.
Then select the keyword that most closely matches.

- [Literature, Language and Communications](#)
- [Mathematics](#)
- [Health and Medicine](#)
- [Natural History and Natural Science](#)
- [Social Studies](#)
- [Visual and Performing Arts](#)

[Picture Books Home](#) | [Search the Database](#) | [Site Legend](#) | [About Our Database](#) | [About Us](#) | [User Survey](#) | [Projects & Programs Using Our Site](#)

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Last updated on Monday October 16, 2006.

1.3. Organized by Curriculum Design Elements

- Topics
- Concepts
- Skills

Example of Topical Keywords in CPBD@MU

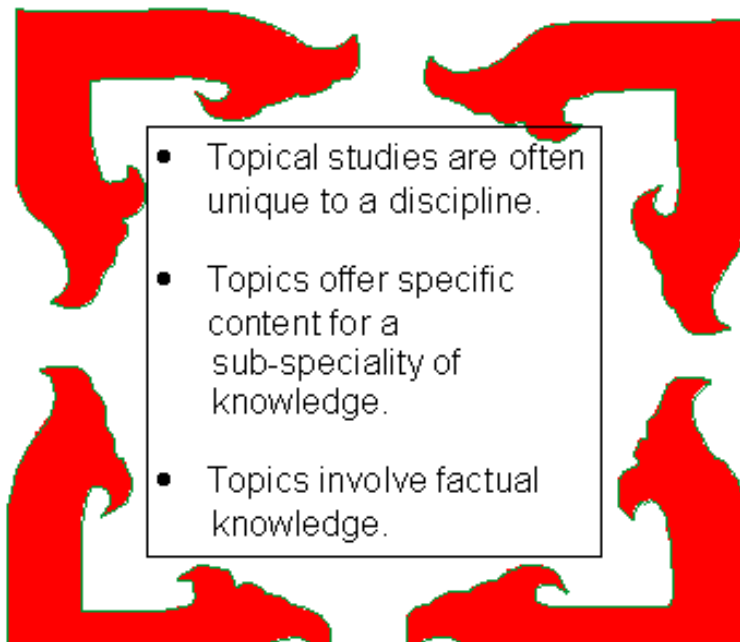


Topic (A type of declarative knowledge)

A body of related facts to be learned; they help to organize the content of a profession or a discipline.

Topical Keywords

Beach
Bicycle
Chinese
Lion
Opera
Picnic
Train
Volcano
Winter



- Topical studies are often unique to a discipline.
- Topics offer specific content for a sub-speciality of knowledge.
- Topics involve factual knowledge.



Example of Conceptual Keywords in CPBD@MU

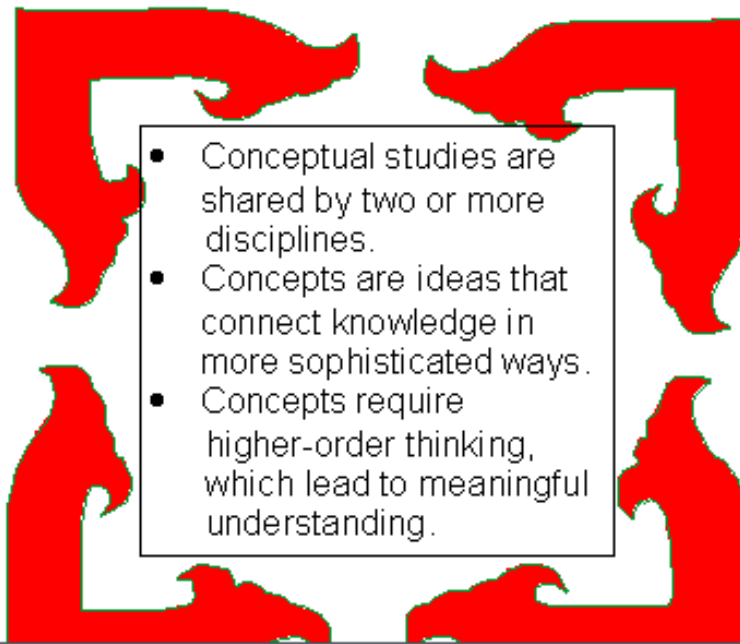


Concept (A type of declarative knowledge)

Abstract words that are broad, universal, and timeless; concepts help to bridge disciplines.

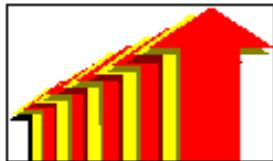
Conceptual Keywords

- Aging
- Celebration
- Change
- Conflict
- Culture
- Habitat
- Moods
- Nature
- Rhythm



- Conceptual studies are shared by two or more disciplines.
- Concepts are ideas that connect knowledge in more sophisticated ways.
- Concepts require higher-order thinking, which lead to meaningful understanding.

Example of Skill Keywords in CPBD@MU



Skill Keywords

Coping
Decision-Making
Jumping
Listening
Reading
Running
Skating
Storytelling

Skill (A type of procedural knowledge)

An ability or proficiency that occurs through training or practice.

- Skill development may be shared across two or more disciplines.
- Skills are often action words or activities.
- Types of skills include cognitive, behavioral, social, and psychomotor.

2. How does the database function?

- Over 950 keywords are used to “organize and sort” the books into bibliographic lists with web sites for many keywords.
- Each book gets 10 to 15 words assigned to it via:
 - Text – the storyline in linguistic form
 - Subtext – the story in other non-linguistic forms
 - Context - the place and setting of the story
- Provides a wider VARIETY of books to accompany a curriculum lesson which increases background knowledge and skill development.

Search Results for Community

From the *Children's Picture Book Database at Miami University*

For your convenience, results have been split into page(s) in groups of 25.
Your Search for **Community** produced **269** item(s).

To find the item in the Miami University Libraries, click on the title.
These titles may also be available at your local school or public library.

For your convenience, results have been split into 11 page(s) in groups of 25.

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]

WebLinks are available to provide content information on Community.

** [Click here to view the content link](#) **

1. Agell, Charlotte (1994). [Dancing feet](#). New York: Gulliver Books .

Abstract:

Diversity in the world is shown through rhythmical lyrics and warm pictures. It also includes the names of major body parts and functions.

Abstract provided by Miwako Monden, 1995 for the *Children's Picture Book Database at Miami University*.

Keywords: [[Acceptance](#)] [[African](#)] [[Asian](#)] [[Body Image](#)] [[Body Parts](#)] [[Community](#)] [[Dancing](#)] [[Diversity](#)] [[Equality](#)] [[Exercise](#)] [[Family](#)] [[Food](#)] [[Friendship](#)] [[Multicultural](#)] [[Poetry](#)] [[Rhyme](#)] [[Walking](#)]

2. Aiello, Barbara//Shulman, Jeffrey (1989). [Hometown hero](#). Frederick: Twenty-First Century Books.

Abstract:

Scott Whittaker recounts the events between Thanksgiving and Christmas in his diary. He starts a karate club at school and meets Bill Walters, a homeless man who was the quarterback of the local high school football team in 1967. The book ends with questions and answers about asthma.

Abstract provided by Keith E. Rhoades, 1995 for the *Children's Picture Book Database at Miami University*.

Keywords: [[Accomplishment](#)] [[Appearance](#)] [[Assertiveness](#)] [[Asthma](#)] [[Community](#)] [[Decision Making](#)] [[Diseases](#)] [[Exercise](#)] [[Football](#)] [[Friendship](#)] [[Holidays](#)] [[Karate](#)] [[Kindness](#)] [[Peer Resistance](#)] [[School](#)] [[Shelter](#)] [[Sports](#)] [[Surprises](#)]

Database helps to Differentiate and Apply Information in New Ways

- Involves taking bibliographic data and rearranging it in new or novel ways, especially through a Boolean Search;
- Find books to differentiate instruction for individual learners with different needs and interests;
- Topics, concepts, and skills can be searched to form thematic studies within and across disciplines (inclusive to health education);
- And then be aligned to curriculum standards that frame what students should “know and be able to do”.

Follow the Stars for Content Web sites:

****Click here to view the content link****

- Search Results
From the *Children's Picture Book Database at Miami University*
- For your convenience, results have been split into page(s) in groups of 25.
- Your Search for **Safety** produced **132** item(s).
To find the item in the Miami University Libraries, click on the title.
These titles may also be available at your local school or public library.
- For your convenience, results have been split into 6 page(s) in groups of 25.
- [1] [2] [3] [4] [5] [6]
- WebLinks are available to provide content information on Safety.
 - **** [Click here to view the content link](#) ****
- 1. Ahlberg, Allan (2000). [The snail house](#). Cambridge, MA: Candlewick Press.
 - **Abstract:**
Grandma calls in her three grandchildren to tell a story. A boy, a girl, and their baby brother all shrink until they can sneak out of the house unnoticed. They move into a snail house for a day where they have adventures with an earthquake, a disappearing baby, and a scary bird. After the adventures, they thank the snail and return home to become their normal size.
 - Abstract provided by Mark Walter, 2002 for the *Children's Picture Book Database at Miami University*.
 - **Keywords:** [[Adventures](#)] [[Animals](#)] [[Baby](#)] [[Birds](#)] [[Cat](#)] [[Disappearance](#)] [[Earthquake](#)] [[Fox](#)] [[Grandparents](#)] [[Insects](#)] [[Lost](#)] [[Plants](#)] [[Radio](#)] [[Rain](#)] [[Safety](#)] [[Snail](#)] [[Storytelling](#)] [[Tiger](#)]

Content Links for Safety

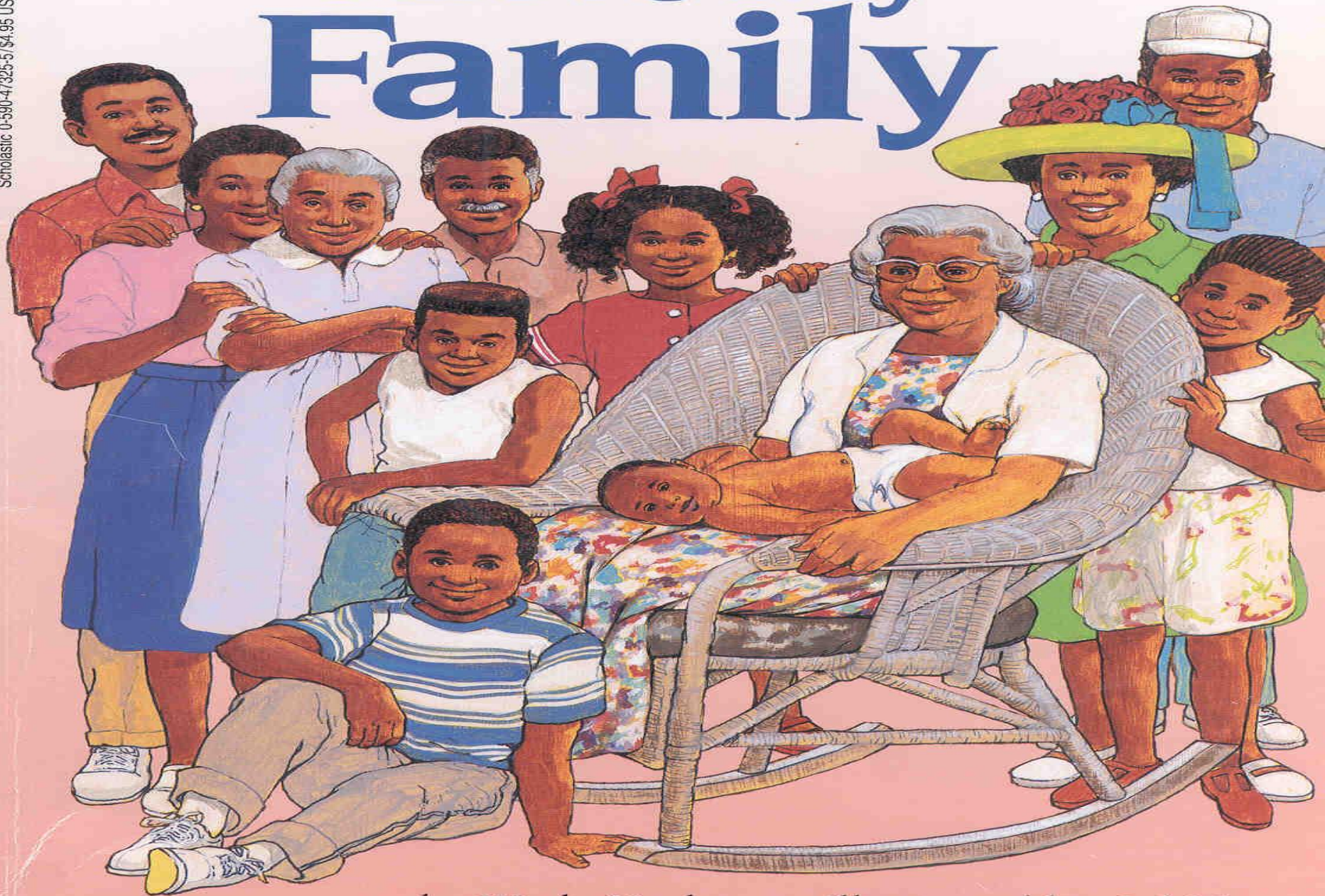
Here are links to sites on the World Wide Web which provide content information on Safety. After selecting one of them, you can return to the database using the back button on your browser.

1. <http://www.ou.edu/oupd/fireprev.htm>
2. http://www.kidshealth.org/kid/watch/out/bike_safety.html
3. <http://www.edc.org/HHD/csn/index.html>
4. <http://www.cha.ab.ca/safekids/Facts.htm>
5. <http://www.state.il.us/kids/isp/bikes/>
6. <http://www.cha.ab.ca/safekids/Facts.htm>
7. <http://www.coderedrover.org/>
8. <http://www.fema.gov/kids/>
9. <http://www.firesafety.gov/kids/flash.shtm>
10. <http://www.sparky.org/>
11. <http://www.redcross.org/services/hss/tips/hiking.html>
12. <http://www.ottoclub.org/>
13. <http://www.ottoclub.org/>
14. <http://www.ipl.org/div/kidspace/poisonsafe/>
15. <http://sln.fi.edu/franklin/rotten.html>
16. <http://www.usfa.dhs.gov/kids/flash.shtm>
17. <http://www.fbi.gov/kids/k5th/safety1.htm>
18. <http://www.cpsc.gov/kids/kidsafety/>
19. <http://www.smallstep.gov/kids/html/index.html>
20. <http://www.firekills.gov.uk/juniors/index.htm>
21. <http://www.mcgruff.org/>
22. <http://www.netsmartkids.org/indexFL.htm>
23. <http://www.smokeybear.com/kids/default.asp>
24. <http://www.ipl.org/youth/poisonsafe/>
25. <http://vm.cfsan.fda.gov/~dms/educate.html#kids>
26. <http://www.fda.gov/oc/opacom/kids/>

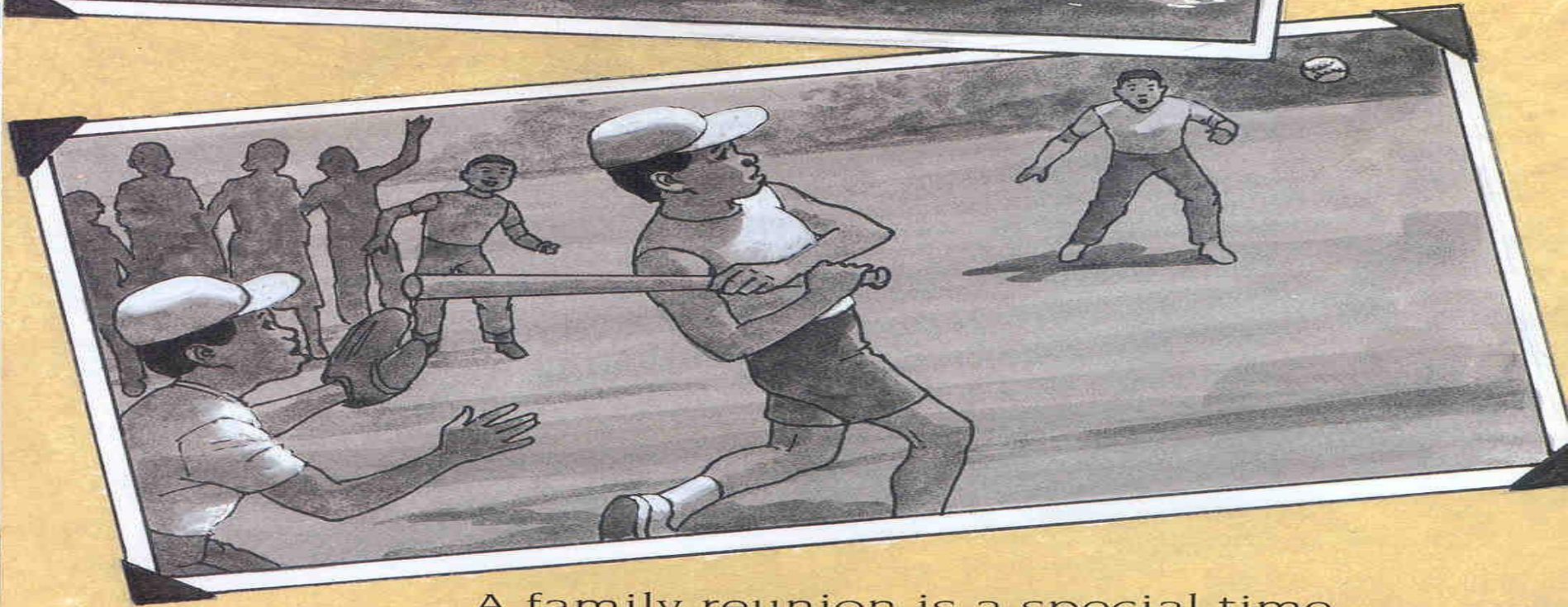
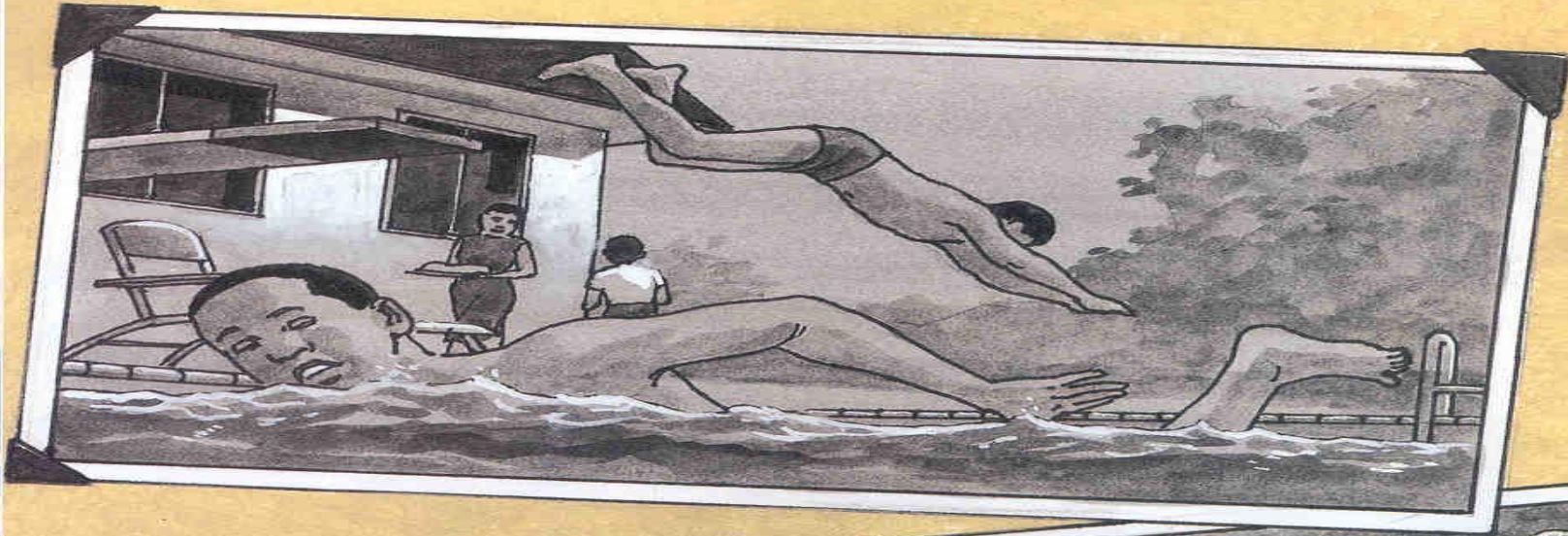
2. Example of Function: Literature Connections

- In excerpts of the story that follows from “*I Love My Family*” (Hudson, 1993), notice a few of the dimensions of health in the following order: Social Health, Physical Health, and Emotional Health.
- Like in life, picture books give us an opportunity for *integrating* two or more dimensions of health leading to wellness.

I Love My Family

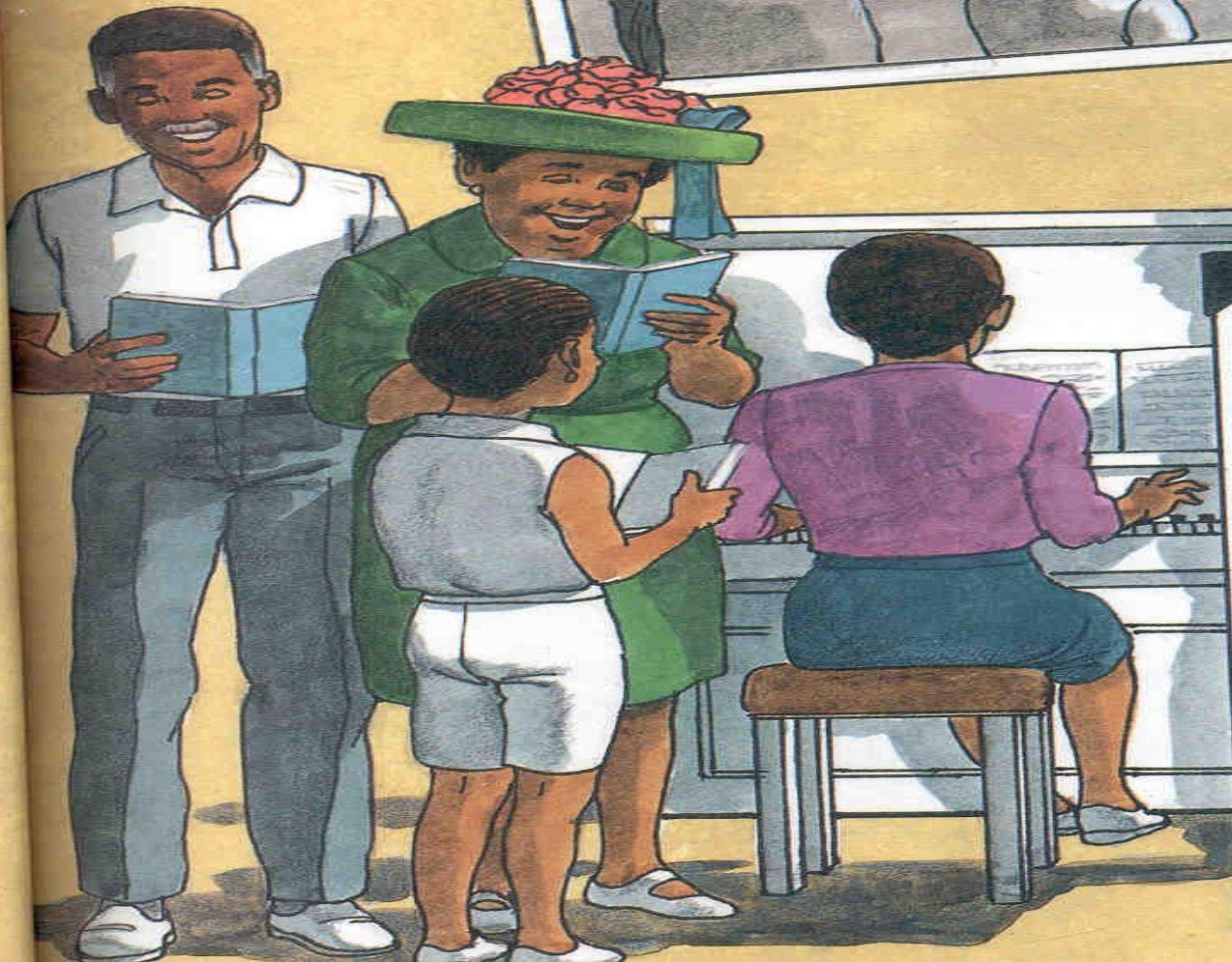


by Wade Hudson • Illustrated by Cal Massey

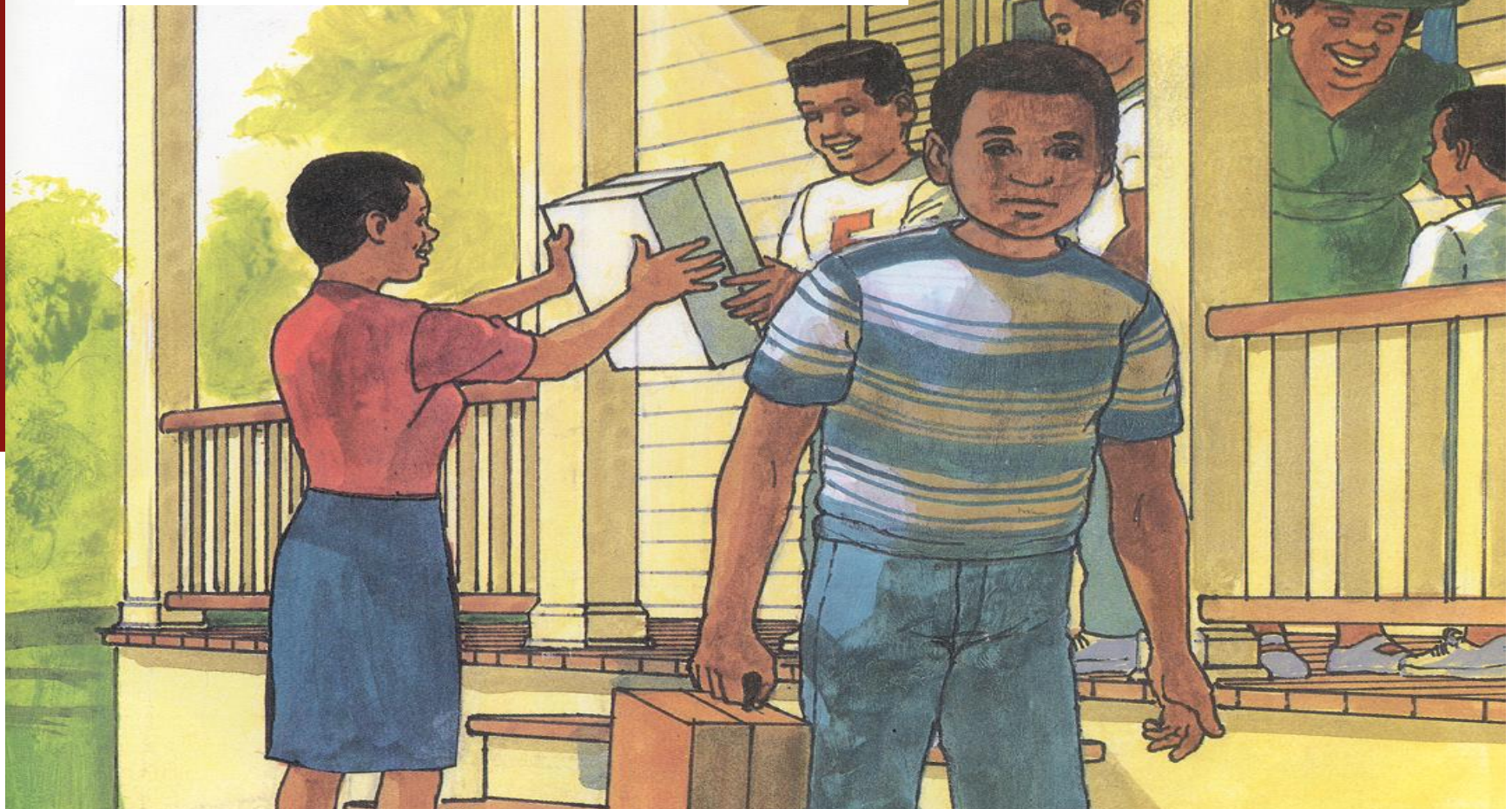


A family reunion is a special time.
It's a lot of fun, too. We go swimming.
We play ball. We pick peaches.

We sing.
And we dance.



When the family reunion is over, everyone is sad. No one wants to say good-bye. I feel sad, too. I won't get to see most of my cousins again until next summer.



Sample Abstract from CPBD@MU

Hudson, Wade (1993). [I love my family](#). New York: Scholastic Inc.

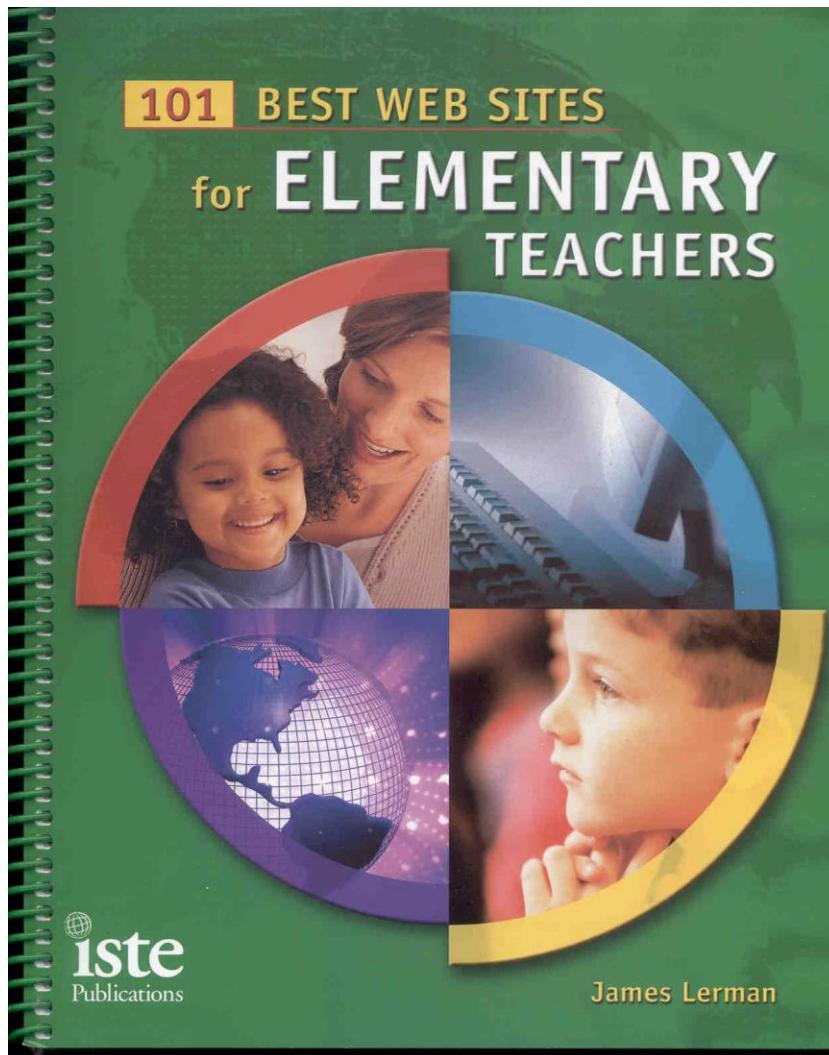
Abstract: A family takes a summer trip to Grandpa Lawrence's farm in North Carolina. The family enjoys laughing, talking, playing basketball, dancing and having a picnic together. Everyone hates to leave at the end of the week.

Abstract provided by Sarah Inglis, 1995 for the *Children's Picture Book Database at Miami University*.

Keywords: [[African American](#)] [[Family](#)] [[Food](#)]
[[Multicultural](#)] [[Nutrition](#)] [[Picnic](#)] [Health]
[[Storytelling](#)] [Reunion]

3. What is the Value of the CPBD@MU? Access and Audience

- The CPBD@MU was one of the first on-line education databases that migrated to the World Wide Web in 1996;
- Is inclusive to all 8 disciplinary subjects.
- Accessed at <http://www.lib.muohio.edu/pictbks>
- Used by librarians, teachers, faculty, publishers, authors, and students from all 50 states and 7 foreign countries.



The Children's Picturebook Database at MU is sited as one of the *101 Best Web Sites for Elementary Teachers* (Lerman, 2005) which uses the National Education Technology Standards.

3. Summary of Value

- The database affords teachers the ability to use storybooks and information web-sites to design integrated units for all disciplines, inclusive to health education & physical education.

Children's Picture Book Database at Miami University
<http://www.lib.muohio.edu/pictbks>

*A bibliography for designing literature-based thematic units
searchable by topics, concepts, and skills.*

Recognized by the International Society for Technology in Education (2006)
as one of the "101 Best Web Sites for Elementary Teachers"

Research Procedures

- The focus of this analysis was to identify themes in both data sets and to be able to compare two diverse types of curricular materials.
- As a searchable database, the CPBD is organized by topics, concepts and skills.
- The McGuffey Readers (Primer, 1st Reader, 2nd Reader, 3rd Reader) were examined for occurrence of selected terms. Terms were then categorized as a topic, a concept or a skill.

Example of process:

26

ECLECTIC SERIES.

LESSON XXI.



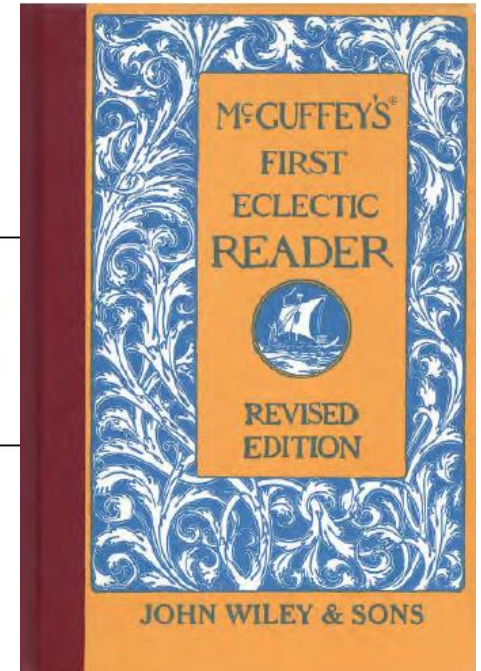
of (öv) thät töss fall
 well Fän'ny ball wall
 was pret'ty (prit-) done what
 a a

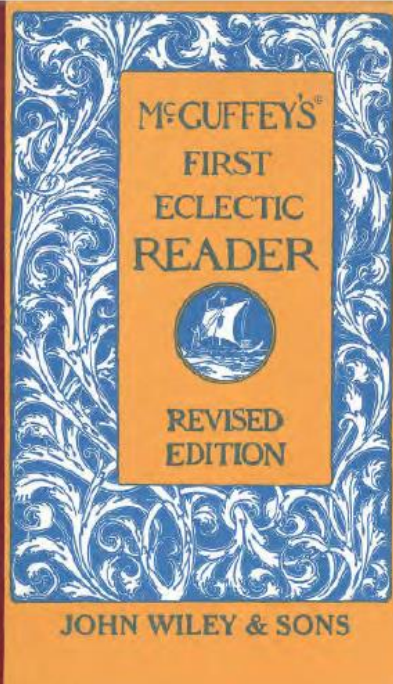
O Fanny, what a pretty ball!
 Yes; can you catch it, Ann?
 Toss it to me, and see. I will
 not let it fall.
 That was well done.

FIRST READER.

27

Now, Fanny, toss it to the top of the
 wall, if you can.





mār'ket

brēad

bās'ket

bōught

mēat

tēa

try'ing

tēll

whīch

mar'ket

bread

bas'ket

bought

meat

tea

try'ing

tell

which

James has been to market with his mamma.

She has bought some bread, some meat, and some tea, which are in the basket on her arm.

James is trying to tell his mamma what he has seen in the market.

McGuffey's First Eclectic Reader - Lesson XXI: A pretty ball.

McGuffeysonlinetutor

153 videos

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Yes; can you catch it, Ann?

Sug



FAGE Total Greek Yogurt

by FAGEUSA

465,595 views

Promoted Video



Double Comparatives - Lesson 21 - English Grammar

by JenniferESL

40,166 views



McGuffey Readers

by paradigmcoidaho

1,314 views



McGuffey's First Eclectic Reader - Lesson XX: ...

by McGuffeysonlinetutor

10 views



McGuffey's First Eclectic Reader - Lesson LIII...

by McGuffeysonlinetutor

23 views



McGuffey's Second Eclectic Reader - Articulation...

by McGuffeysonlinetutor

23 views



McGuffey's First Eclectic Reader - Lesson XLV: ...

by McGuffeysonlinetutor

10 views



McGuffey's First Eclectic Reader - Lesson LVII:...

by McGuffeysonlinetutor

23 views

20 views

see all

McGuffey Reader Topical Key Words

Primer	1 st Reader		2 nd Reader			3 rd Reader		
Arms	Air	Pets	Apples	Eyes = 5	Mother = 18	Anger	Fruit	Recess = 4
Play	Arm	Pole	Apron	Face = 3	Mother's	Anxiety	Fun	Rose
Work	Arms	Pond = 2	Arms	Faces	Neck	Arms	Garden = 3	Sadness
Baby	Asleep	Rope	Aunt = 2	Father = 9	Noise	Aunts	Girl = 3	Safe
Big	Ball = 3	Safe	Baby = 2	Father's	Nose	Beards = 2	God = 3	School = 4
Blind = 2	Beach	School	Ball	Feet = 2	Nut	Bed = 2	Grandmother	Shame
Boys = 10	Bedtime = 2	Sea	Be careful	Fingers	Partner	Berries = 2	Grateful	Sister = 3
Catch = 2	Boats	Shade = 4	Beasts	Flour	Peel	Blackberries	Gratitude	Snow
Child	Boys	Shells	Bedtime	Free	Pet	Blood	Grief = 2	Son = 2
Doll = 4	Bread	Sky	Birds	Friend = 2	Picnic	Books	Happiest = 2	Sport
Dolls	Children = 2	Sun = 3	Book = 2	Friends = 3	Playmates	Boy = 7	Head = 3	Strawberries
Eggs	Day	Swing = 2	Books	Fun	Quiet	Boys = 2	Heart = 2	Stronger
Eyes	Doll = 5	Tea	Boy = 7	Gentlemen	Recess	Brave	Hearts	Supper
Fan	Doll's bed	Toys	Boys = 6	Girl = 5	Rest = 2	Bread = 2	Home = 2	Suspicion
Fat	Dolls = 3	Tree	Brave boy	Girls = 3	Safe	Bright = 2	Honest = 3	Teacher = 2
Feed = 3	Egg = 2	Trees	Bread = 3	Glutton	School = 7	Brother = 3	Humor	Tears
Girls = 5	Eggs	Tub	Bread	Grandchildren	Secret	Butter	Husband	Thoughts
Good = 2	Eyes	Water	Bread	Grandfather = 2	Shadow	Careless	Joy	Time = 3
Griefs	Fat = 2	Woods = 4	Brother	Grandmother	Shoes	Child = 2	Kind = 2	Tone
Hand = 3	Friends		Brothers = 2	Grave	Shoulder = 3	Children	Kite	Tongues
Hands	Garden		Butter	Hair	Sings	Church	Lesson	Torment
Hard at Work	Girl		Cheeks = 3	Hand = 4	Sister = 3	Comfort	Lessons	Uneasy
Hard Work	Girls		Child = 4	Hands = 8	Sisters	Courage = 2	Lips = 2	Unkind
Kind = 6	Glasses		Child	Happier = 2	Snow	Coward	Lonely = 2	Unkindness
Lad	Grandma		Child	Happy = 4	Snowballs	Cruel	Loss	Useful
Love	Grass = 2		Children = 9	Hard	Son	Danger	Man = 9	Voice
Man = 2	Hair		Clothes	Hat	Song = 2	Daughter = 2	Mates	Waste
Men = 3	Hand = 3		Coat = 2	Head = 3	Sorry = 2	Different	Milk	Water
Mouth	Hands		Comfort	Heart	Stockings	Dinner = 3	Moral	Weapons
Man	Happy = 2		Cook	House	Story = 2	Dishes = 2	Mother = 11	Weary
Pet	Head = 2		Cousin = 2	Hymn	Storyteller	Distress = 2	Mouth	Wheat
Pipe	Kite		Dark	Joy	Supper = 3	Doctor	Mouths	Wife
Sat = 2	Mama		Dead	Kitchen	Tears	Eager	Neighbors	Wonder
Shade	Man = 4		Dinner = 3	Knee	Voice = 3	Education	Old	Words = 4
Snowman	Market		Doctor	Knees	Voices = 2	Enjoyment	Oranges	Wretched
Tear	Meat		Dogs	Lashes	Water	Eyelids	Papa = 3	
Time	Men		Doll	Laughter	Wheat	Eyes = 9	Parents = 2	
Watch	Milk		Dress	Mama	Winter	Face = 2	Past	
Well	Mother = 2		Ear	Mamma	Woods	Father = 6	People = 2	
Woes	Oar		Ears	Man = 8		Feet	Poor = 4	
Woods	Papa		Eye	Men = 4		Folks	Rain	
Work = 2	Pet = 2			Milk		Friends = 2		

McGuffey Readers Conceptual Keywords

Primer	First Reader	Second Reader		Third Reader	
Bird	Books	Everyone	People = 2	Anger	Habits
Cars	Home	Flowers	Persons	Books	Home
Fish		Folks	Plan	Brave	Honest
God		Food	Playthings	Church	Humor
		Garden	Questions	Clothes	Lesson
		God = 2	Sport	Comfort	Loss
		Groceries	Storyteller	Courage = 2	Love
		Habit	Teacher	Danger	Moral
		Healthy	Toys = 2	Education	Neighbors
		Home = 4	Travelers	Enjoyment	People
		Lesson = 2	Tree	Folks	Thoughts
		Life	Words = 3	Garden	Time
				Gratitude	Wonder

McGuffey Readers Skill-Based Keywords (as Verbs)

Primer	1st Reader	2nd Reader		3rd Reader		
Cry	Catch = 3	Amused	Peel	Afraid = 2	Fell = 2	Screams
Drown = 2	Dig	Blow bubbles	Plan	Amuse	Fight	Seeing
Eat = 2	Drink	Calling	Play = 5	Angry = 2	Forgive = 2	Seen
Fall = 3	Jump = 3	Catch	Playing = 2	Ashamed	Frightens	Shivering
Hear = 2	Look	Clapping	Pray	Asleep = 2	Gather	Shouted
Hold	Play = 5	Cry = 2	Quarrel	Bathing	Gave up	Sing
Hurt = 5	Playing	Crying	Ran = 2	Beware = 2	Go = 2	Singing = 3
Kill	Ran	Danced	Read = 2	Break	Grieved	Sleep = 3
Laugh = 2	Reading	Digging	Reading = 2	Broke	Happy = 5	Sliding
Loves = 4	Reads	Drowned	Row	Care	Hear = 2	Smile = 2
Play = 6	Riding	Drowning	Run	Catch	Heard = 2	Sold
Ran	Row	Quarrel	Seeing	Cheat	Help = 3	Sorry
Rock	Run = 6	Eat = 3	Shout	Conduct	Hold	Speak
Ride	See	Embrace	Shouting	Clapped	Hang	Steps
Run = 3	Singing	Fell = 3	Singing	Confused	Laughed = 2	Struggles
Sat = 2	Sit = 2	Felt	Sitting	Cried = 2	Laughing = 3	Taste
Save = 3	Skip = 2	Hear	Skipping	Cry = 2	Looked	Tasted
See = 4	Stand	Help	Sleep = 3	Crying = 3	Looking	Teach = 2
Sing = 2	Tease	Helping	Slipped	Dances	Looks	Thank
Sit	Toss	Hunted	Smile	Dancing	Love	Think = 2
Skates = 3	Touch	Joke	Sprang	Deceived	Make	Thinking
Smiles		Jump	Stand	Died	March	Tired
Thinks		Jumped	Stretched	Discouraged	Pick = 2	Troubled
Walk = 2		Kiss	Study	Disobedient	Play = 5	Wakes
Walks		Kissed	Swim = 2	Dismay = 2	Pleased	Walking = 3
		Kneading	Talked	Doing	Plunged	Wash
		Knitting	Tear = 2	Dreaming	Pretend	Washed
		Laugh = 2	Teased	Drink = 2	Prosper	Watch
		Laughed = 2	Tripped	Drowned = 2	Protecting	Whisper
		Laughing	Trudging	Dying	Punish	Worked
		Learned	Waded	Eat = 3	Quarrelling	Write = 2
		Love	Walk = 2	Eating	Ran = 2	
		Marched	Walk	Enjoying	Run	
		Nap	Walking	Exploring	Running	
		Nursing	Washed	Feel	Sat	
		Obey	Weed	Felt	Satisfied	
			Whisper		Saved = 2	
			Work		Screamed	

CPBD@MU Topical Key Words

Key Words in the *Children's Picture Book Database @ MU*

Aardvark	Anteater	Band	Bravery	Cave	Communication	Crocodile	Discovery
Aborigine	Anticipation	Bangladesh	Bridge	Celebration	Community	Crow	Discrimination
Acceptance	Apathy	Barn	British	Cells	Companion	Crowd	Diseases
Accidents	Ape	Baseball	Brook	Ceremony	Comparisons	Crustaceans	Disguise
Accomplishment	Aphid	Basketball	Buddhism	Challenges	Competition	Cuckoo	Dishonesty
Acrobat	Apology	Bat	Buffalo	Chameleons	Compromise	Culture	Disobedience
Acting	Appalachian	Bath	Bug	Change	Computer	Curiosity	Diversity
Activities	Appearance	Beach	Buildings	Chaos	Concepts	Customs	Diving
Actor	Appreciation	Bear	Bulgaria	Charity	Concert	Cycle	Divorce
Adaptation	April Fools	Beauty	Bull	Chickadee	Confidence	Cyclone	Doctor
Adoption	Arab	Beaver	Bully	Chicken	Conflict	Czech	Dog
Adventures	Arabian	Bedtime	Bus	Chicken Pox	Conflict	Dancing	Dolls
Affection	Arabic	Bee	Business	Child Abuse	Resolution	Danish	Dolphin
Afghani	Archeology	Beetle	Butterfly	Child Care	Confusion	Day	Donkey
Africa	Architecture	Behavior	Cabin	Chimpanzee	Congo	Daydreaming	Dove
African	Arctic	Beliefs	Cactus	China	Consequences	Days Of The	Down Syndrome
African American	Argument	Belize	Cajun	Chinese	Conservation	Week	Dragonfly
Aggression	Armadillo	Beverage	Calendar	Chinese American	Constellation	Deafness	Dragons
Aging	Armenian	Bias	Cambodian	Chipmunk	Constellations	Death	Drawing
Aids	Art	Bicycle	Camel	Chores	Construction	Deception	Dreams
Airplane	Arthritis	Biking	Camping	Christmas	Contentment	Decision Making	Drought
Alcohol	Asian	Biography	Canada	Church	Cooking	Dedication	Drugs
Alcoholism	Asian American	Biology	Canadian	Cinco De Mayo	Cooperation	Deer	Duck
Alien	Assertiveness	Bipolar	Canary	Circus	Coping	Dentist	Dutch
Allergies	Asthma	Birds	Cancer	Citizen	Correspondence	Depression	Dwarfs
Alligator	Astronaut	Birth	Canyon	Clams	Costa Rica	Desert	Eagle
Alliteration	Astronomy	Birthday	Car	Classification	Counting	Destruction	Earth
Alphabet	Attention	Blackbird	Cardinal	Cleanliness	Courage	Detective	Earth Day
Alzheimer's	Australia	Blindness	Careers	Climbing	Cow	Determination	Earthquake
Disease	Australian	Bluebird	Caribbean	Closeness	Cowboys	Devils	Easter
Ambition	Austria	Bluejay	Caribou	Clothing	Coyote	Diabetes	Echo
America	Author's Note	Boar	Caring	Clouds	Crab	Diary	Editor's Note
American	Autism	Boat	Carnival	Clowns	Crane	Differences	Education
Amish	Autobiography	Bodies of Water	Carriage	Cockroach	Crawfish	Dingo	Egret
Amphibians	Autumn	Body Image	Cartoons	Cocoon	Creativity	Dinosaur	Egypt
Angel	Awareness	Body Parts	Carving	Cod	Creek	Direction	Egyptian
Anger	Baboon	Bolivian	Castle	Cold	Creole	Disability	Election
Animals	Baby	Bones	Cat	Collection	Cricket	Disappearance	Electricity
Animation	Bacteria	Books	Caterpillar	Colombian	Crime	Disappointment	Elephant
Ant	Badger	Boredom	Catfish	Colors	Crisis	Disasters	Elves
Antarctica	Balloon	Bowling	Cattle	Columbian	Critical Thinking	Discipline	Embarrassment

CPBD@MU Conceptual Keywords

Concepts in the *Children's Picture Book Database @ MU*

Acceptance	Classification	Emotions	Hobby	Marriage	Pollution	Rude	Symbols
Accidents	Collection	Empathy	Holidays	Math	Poverty	Rules	Sympathy
Accomplishment	Colors	Encouragement	Honesty	Medicine	Practice	Sadness	Teamwork
Activities	Community	Energy	Hope	Memory	Prejudice	Safety	Technology
Adaptation	Companion	Entertainment	Humor	Misbehavior	Presents	Science	Temperature
Aggression	Comparisons	Environment	Hygiene	Mischief	President	Seasons	Time
Aging	Competition	Equality	Identification	Mistake	Pretend	Secrets	Toys
Ambition	Compromise	Excitement	Identity	Money	Prevention	Security	Toys
Amphibians	Concepts	Exercise	Illness	Month	Pride	Seed	Traditions
Anger	Confidence	Family	Images	Moods	Privacy	Segregation	Transportation
Animals	Conflict	Fight	Imagination	Morning	Procrastination	Self Confidence	Travel
Anticipation	Confusion	Five Senses	Imitation	Museum	Progress	Self Esteem	Trust
Apathy	Cooperation	Flag	Index	Music	Protection	Selfishness	Truth
Apology	Courage	Good	Individuality	Nature	Quotes	Separation	Understanding
Appreciation	Crisis	Forgetful	Insects	Negotiation	Racism	Sequence	Uniqueness
Argument	Culture	Forgiveness	Insecurity	Neighbors	Recipe	Shapes	Unselfish
Art	Curiosity	Freedom	Interpretation	Night	Recognition	Sharing	Variety
Assertiveness	Customs	Friendship	Inventions	Numbers	Recreation	Shelter	Violence
Attention	Cycle	Frustration	Jealousy	Nutrition	Relationship	Shopping	Vocabulary
Awareness	Death	Games	Keys	Obedience	Relaxation	Shyness	War
Behavior	Deception	Gender	Kindness	Opera	Religion	Siblings	Wealth
Beliefs	Depression	Generations	Language	Opinions	Reptiles	Signs	Weather
Bias	Determination	Geography	Laziness	Opposites	Research	Similarities	Wildlife
Birds	Differences	Germ	Leadership	Parents	Resentment	Sizes	Wisdom
Boredom	Direction	Gossip	Learning	Party	Resolution	Sleep	Wish
Bravery	Disappointment	Greed	Library	Passion	Respect	Snake	Work
Buildings	Discipline	Grief	Life	Patience	Responsibilities	Spiritual	Worry
Bully	Discrimination	Guilt	Loneliness	Pattern	Reunion	Sports	
Careers	Diseases	Habitat	Loss	Peace	Revenge	Stereotypes	
Celebration	Dishonesty	Happiness	Love	Performance	Rhyme	Stress	
Cells	Disobedience	Hard Work	Loyalty	Persistence	Rhythm	Success	
Ceremony	Diversity	Harmony	Machines	Perspective	Rocks	Superstition	
Challenges	Divorce	Health	Manners	Plants	Role Model	Support	
Change	Education	Height	Maps	Play	Routine	Surprises	
Chores	Embarrassment	Heroism	Market	Politics	Royalty	Survival	

N = 276 words

CPBD@MU

Skill-Based Keywords (as Verbs)

Skills (Verbs) in the *Children's Picture Book Database @ MU*

Acting
Biking
Camping
Caring
Carving
Climbing
Clothing
Communication
Cooking
Coping
Counting
Critical Thinking

Dancing
Daydreaming
Decision Making
Diving
Drawing
Feelings
Fishing
Giving
Goal Setting
Graphing
Growing Up
Hearing

Hearing Impaired
Helping
Hopping
Hunting
Juggling
Jumping
Learning
Listening
Missing
Misunderstanding
Moving
Nonverbal

Communication
Overeating
Peer Resistance
Playing
Problem Solving
Reading
Recycling
Refusal Skills
Running
Running Away
Sewing
Sharing

Shopping
Singing
Skateboarding
Skating
Skiing
Skipping
Sledging
Sliding
Spelling
Storytelling
Stress Management
Stuttering

Surfing
Swimming
Swinging
Teaching
Teasing
Understanding
Verbal
Communication
Walking
Writing

N = 80 words

Topical Key words in the McGuffey Readers that also are in the Children's Picture Book Database

Primer	1 st Reader		2 nd Reader	3 rd Reader	
Play	Ball = 3	Pond = 2	Baby = 2	Anger	Humor
Work	Beach	Safe	Bedtime	Bed = 2	Kind = 2
Baby	Bedtime = 2	School	Birds	Books	Kite
Blind = 2	Boats	Sea	Book = 2	Child = 2	Lesson
Child	Children = 2	Shells	Brave boy	Children	Lessons
Doll = 4	Day	Sky	Cook	Courage = 2	Lonely = 2
Dolls	Doll = 5	Sun = 3	Dogs	Different	Loss
<u>Griefs</u>	Dolls = 3	Swing = 2	Doll	Doctor	Mother = 11
Hard at Work	Friends	Tree	Fun	Education	Neighbors
Hard Work	Garden	Trees	Noise	Father = 6	Poor = 4
Kind = 6	Glasses	Water	Quiet	Folks	Rain
Love	Grandma	Woods = 4	School = 7	Friends = 2	Sadness
Pet	Kite		Secret	Fruit	Safe
Snowman	Market		Shadow	Fun	School = 4
Time	Mother = 2		Shoes	Garden = 3	Snow
Woods	Pet		Snow	God = 3	Sport
Work = 2	Pets		Water	Grandmother	Teacher = 2
				Grief = 2	Time = 3
				Happiest = 2	Water
				Home = 2	Words = 4
				Honest = 3	

Skills and Concepts in the McGuffey Readers that also are in the Children's Picture Book Database

Skills


Primer	1 st Reader	2 nd Reader	3 rd Reader
Hear = 2 Play Run = 3 Sing = 2 Skates Walk = 2 Walks	Jump = 3 Play = 5 Playing Reading Run = 6 Singing Tease	Danced Hear Help Helping Hunted Jump Jumped Learned Play = 5 Playing = 2 Ran = 2 Read = 2 Reading = 2	Dances Dancing Hear = 2 Heard = 2 Help = 3 Play = 5 Run Running Sing Singing = 3 Walking = 3 Write = 2

Concepts

Primer	1 st Reader	2 nd Reader	3 rd Reader
Bird Fish	Books Home	Healthy Life Sport Toys=2	Anger Brave Courage = 2 Education Habits Honest Humor Loss Love Neighbors Time

Lessons Learned

- Health education print materials, which contain health-related themes, may be a form of health literacy.
- Health literacy involves a variety of messages, materials, and media to educate for health.
- More research is needed on the role of reading materials in educating for health.
- Documents with health-related themes are informed by cultural, sociological, moral, and political perspectives that need to be analyzed through the lens of access and equity.



Because the....“McGuffey
Readers addressed topics such
as patriotism, civics, government,
physiology, the laws of health,
morals, and manners”.

The McGuffey Readers

A Quality Education for Anyone, Anywhere, Anytime.

- Home
- Why McGuffey's?
- How to use this site.
- The Readers and eBooks!
- McGuffey's Online Tutor (Videos)
- Booklets & worksheets
- Primers
- First and Second Readers
- Third and Fourth Readers
- Fifth and Sixth Readers
- Certificates of Completion!

Booklets & worksheets

coming soon



Home

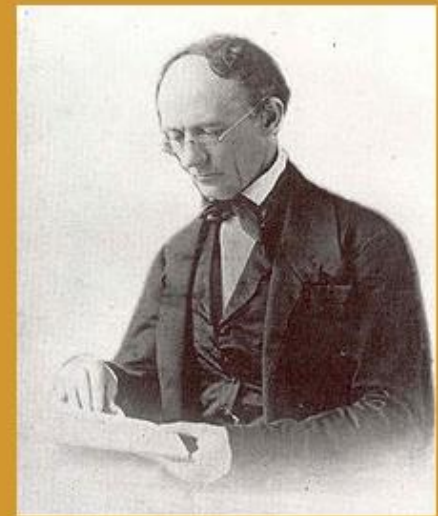
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WHO IS MCGUFFEY?



FRIENDS OF MCGUFFEY'S