Digital Text in the Classroom

Online Resources for Reading

Accessible Book Collection
Overview of Digital Text
E-text or “digital text”

“An e-text (from "electronic text"; sometimes written as etext) is, generally, any text-based information that is available in a digitally encoded human-readable format and read by electronic means…”

What is an e-book?

“An **e-book** (short for **electronic book**, also written **eBook** or **ebook**), as known as a digital book, is an **e-text** that forms the **digital media** equivalent of a conventional printed **book**…”

What do you do with e-text?

- Have it read out loud by the computer
- Magnify it, change the font, change the colors, increase the spacing between lines
- Use electronic highlighters to mark it up
- Insert comments, comprehension supports
- Quickly get the definition of a word
- Quickly search the text for a term
Think about the types of students that might benefit from having e-text instead of printed material to read.

Share at least one idea.
Who benefits from e-text?

- Students who can’t see the text
- Students who can’t hold a book and turn the pages independently
- Students who can comprehend text when read to them that they can’t decode by themselves

- Students who have difficulty tracking text
- Students who get distracted while reading
- Students who need extra supports to understand the text (thinking questions, vocabulary highlighted, “text attack strategies”)
- Students who are still learning English
The Human Brain When Activated by Different Tasks

Seeing

Hearing

Speaking

Thinking

Why use digital text instead of human readers?

What do you do at your school? Why?
Share at least one idea.
Why use digital text instead of human readers?

- No worry of getting extra hints
- Consistent presentation
- Don’t need extra staff
- Kids can read at their own pace
- Kids can have read only the parts that they need
- Kids have access to tools like dictionary, highlighters, embedded supports
Copyright Considerations

• Anyone can buy an ebook.
• Converting a conventional printed book to e-text is a breach of copyright.

Public Law 104-197

“The Chafee Amendment”

• An exception to the copyright law
• Allows “authorized entities” to distribute e-books
• “...exclusively for use by blind or other persons with disabilities”

This is the law that makes accessiblebookcollection.org possible
Who are “blind or other persons with disabilities?”

<table>
<thead>
<tr>
<th>Description of Students</th>
<th>Category</th>
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</thead>
<tbody>
<tr>
<td>Students who can’t see the text</td>
<td>Visual Impairments (VI)</td>
</tr>
<tr>
<td>Students who can’t hold a book and turn the pages independently</td>
<td>Physical Disabilities (PD)</td>
</tr>
<tr>
<td>Students who can comprehend text when read to them that they can’t decode by themselves</td>
<td>Learning Disabilities (LD)</td>
</tr>
</tbody>
</table>
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The Educator’s Dilemma

Teachers are responsible for providing ALL students with disabilities access to the general education curriculum.

Students with “print disabilities” do not account for all students who need digital text.

Image retrieved on 10/20/09 from www.masternewmedia.org/2008/05/
Online Resources for Digital Books

Accessible Book Collection: Providing Digital Text to Persons with Disabilities

PebbleGo Earth and Space

Tumble Books

One More Story
The Accessible Book Collection...

-provides hundreds of e-books for readers with disabilities.
Each school should create a list of students who qualify.
The Accessible Book Collection

Only qualified students may use this as a resource for books. This form is included on the Accessible Book Collection website.

Indicate the nature of the disability that prevents the applicant reading standard print effectively.

- Blindness / Visual Impairment
- Learning Disability
- Other Physical Disability

I certify the existence of a physical basis of the visual, perceptual or other physical disability limiting the applicant’s ability to effectively use standard print, and that I have the professional qualifications to make such a certification.
The **Accessible Book Collection**... has a Book List that is searchable by title, author, interest and reading levels (but not genre)

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>R/L</th>
<th>Word Count</th>
<th>I/L (Grade)</th>
<th>Buy From</th>
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<tr>
<td>1984</td>
<td>Orwell, George</td>
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<td>103794</td>
<td>9 to 12</td>
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<tr>
<td>A Child Called 'It'</td>
<td>Pelzer, Dave</td>
<td>5.0</td>
<td>31569</td>
<td>9 to 12</td>
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<td>A my name is ALICE</td>
<td>Bayer, Jane</td>
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<td>Seeger, Pete</td>
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<td>Abominable Snowman, The</td>
<td>Antonopulos, Barbara</td>
<td>6.2</td>
<td>4482</td>
<td>7 to 12</td>
<td>Amazon</td>
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<tr>
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<td>Accident that Changed My Life, An</td>
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<td>Across the Wide and Lonesome Prairie</td>
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<td>4.9</td>
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<td>Actor, The</td>
<td>Jackson, Anita</td>
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<td>Adventures of Bert, The</td>
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<td>Amazon</td>
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</table>
The **Accessible Book Collection**…

has books available in an html format for Kurzweil and Natural Reader, as well as Clicker 5 and Boardmaker e-books.

341. *Everywhere* by Bruce Brooks  
The deep bond between a boy and his grandfather may be the only thing that can save the old man's life when he suffers a heart attack. But first the boy must overcome his feelings of helplessness and guilt. (4.2, 4 to 12, 12724 words.) This book can be purchased from [Amazon.com](http://Amazon.com) [Download Here](#)

342. *Extraordinary Egg, An* by Leo Lionni  
Jessica the frog befriends the animal that hatches from an egg she brought home, thinking it is a chicken.  
(Easy Reader, 1) This book can be purchased from [Amazon.com](http://Amazon.com) [Download Here](#)

343. *Extraordinary Egg, An Boardmaker Plus* by Leo Lionni  
Jessica the frog befriends the animal that hatches from an egg she brought home, thinking it is a chicken.  
(Easy Reader, 1) This book can be purchased from [Amazon.com](http://Amazon.com) [Download Here](#)

344. *Extraordinary Egg, An Clicker 5* by Leo Lionni  
Jessica the frog befriends the animal that hatches from an egg she brought home, thinking it is a chicken.  
(Easy Reader, 1) This book can be purchased from [Amazon.com](http://Amazon.com) [Download Here](#)

345. *Face on the Milk Carton, The* by Caroline Cooney  
A photograph of a missing girl on a milk carton leads Janie on a search for her real identity. (4.2, 7 to
Downloaded book in Clicker 5 version.
That one's name was Jessica.

Jessica was full of wonder. She would go on long walks, way to the other side of Pebble Island, and return at the end of the day, shouting, "Look what I found!" And even if it was nothing but an ordinary little pebble, she would say, "Isn't it extraordinary?" But Marilyn and August were never impressed.
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Kurzweil allows lots of flexibility including speed of reading the text, size of text, embedded supports like a dictionary, and more student control over text that is being read.

ALL summer, Jess pushed himself to be the fastest boy in the fifth grade, and when the year’s first school-yard race was run, he was going to win. But his victory was stolen by a newcomer, a girl, one who didn’t even know enough to stay on the girls’ side of the playground. Then unexpectedly, Jess finds himself sticking up for Leslie, for the girl who breaks rules and wins races. The friendship between the two grows as Leslie guides the city girl through the pitfalls of life in their small, rural town, and Leslie draws him into the world of imagination—a world of magic, ceremony called Terabithia. Here, Leslie and Jess rule supreme among the oaks and evergreens, safe from the bullies and ridicule of the mundane world. Safe until an unforeseen tragedy forces Jess to reign in Terabithia alone, and both worlds are forever changed.

In this poignant, beautifully rendered novel, Katherine Paterson weaves a powerful story of friendship and courage.

HarperCollins Publishers
He always started at the northwest corner of the field, crouched over like the runners he had seen on *Wide World of Sports*.

"Bang," he said, and took off flying around the cow field. Miss Bessie strolled toward the center, still following him with her droopy eyes, chewing slowly. She didn't look very smart, even for a cow, but she was plenty bright enough to get out of Jess's way.

His straw-colored hair flapped hard against his forehead, and his arms and legs flew out every which way. He had never learned to run properly, but he was long-legged for a ten-year-old, and no one had more grit than he.

Lark Creek Elementary was short on everything, especially athletic equipment, so all the balls went to the upper grades at recess time after lunch. Even if a fifth grader started out the period with a ball, it was sure to be in the hands of a sixth or seventh grader before the hour was half
"I wonder why Marilyn and August will say when they see this," she thought as she rolled the beautiful stone to the small inlet where the three of them lived.
One day they went to a place where Jessica had never been before. A red and blue bird flew down from a tree.
Time to Explore

Accessible Book Collection

What sort category seems most helpful to you?

Do you see any possible curriculum connections?

Jot down titles on your graphic organizer, then we will share.
Earth and Space

-can be used by all students in your school
-includes video and audio clips in the e-books
You may investigate the PebbleGo Earth and Sky resource in one or more of these ways.

1. Hands on: Go directly to the PebbleGo Earth and Sky website and explore the pages. username: galway password: school

2. Watch the PebbleGo video demonstration to learn about how it works.

3. Read this digital brochure to learn more about this resource.
Share your Thoughts on PebbleGo Earth and Space

How do you see this being used in your school?

Any ties with the curriculum?

Asteroids are the leftovers of the solar system. As planets and moons were forming, small bits of gas and dust were left over. These small clumps of gas and dust became asteroids.
Tumble Books
-can be used by all students in your school
-can be used at home by students
Tumble Books Demonstration

TumbleBookLibrary is an online collection of animated, talking picture books which teach young children the joys of reading in a format they’ll love.

Featured Books

Let’s take the Tumble Book Tour!
Nancy Drew And The Clue Crew - #3 Pony Problems
Chapter 1
Petting Ponies.

“I can't believe you're having a turkey sandwich again today.” Eight-year-old Nancy Drew shook her head at her best friend Bess. The two girls were sitting together at a long white table in the River Heights Elementary School cafeteria. “I like turkey,” Bess Marvin replied, slowly opening her brown bag and peeking in. “Hey!” Her blond hair swung into her face as she suddenly turned back to Nancy. “How'd you know I was having a turkey sandwich? My lunch bag was closed.” Bess pushed her hair out of her eyes. Just then, Nancy's other best friend, Georgia Fayne, showed up. George was also Bess's cousin. Even though they were all in the same class, George had stopped to turn in an extra essay assignment before coming to lunch.

Tumble Books in the Classroom?
-can be used by all students in your school
-is only meant to be used in school (no at home use)
Connections to the Curriculum

One More Story
AUTHORS YOU KNOW, BOOKS YOU LOVE

Welcome!
About Us
Our Library
Browse Our Library
Authors & Publishers
How to Subscribe
News & Press
Share the Stories
Help

One More Story Book List

Browse Our Library

Whistle for Willie
Author: Ezra Jack Keats
Illustrator: Ezra Jack Keats
Length: 4 min, 50 sec
Listening Game: Yes

Peter is a little boy who wants to learn how to whistle so that he can call for his dog, Willie. Peter tries as hard as he can, and eventually becomes a successful whistler.

Rattletrap Car
Author: Phyllis Root
Illustrator: Jill Barton

One More Story Book List
Explore One More Story

Click on One More Story Training Site
Username – teacher@mcpsmd.org
Password – MCPSMD (case sensitive)
Pick a winner!

Which resource do you think…

Will be the most popular with students? With teachers?

Will have the greatest impact in your school?
# Technology Quick Guides and Video Tutorials

## Resources by Topic

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<th>Accessible Book Collection</th>
<th>Adobe Reader</th>
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<td>(video available)</td>
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<tr>
<td>AlphaSmarts and Neos</td>
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<tr>
<td>Audacity (for podcasting)</td>
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<tr>
<td>Bookshare.org (videos available)</td>
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<tr>
<td>Clicker 5 (videos available)</td>
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<td>Discovery Streaming</td>
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<tr>
<td>Fusion</td>
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<td>Graphics and Multimedia</td>
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<tr>
<td>Inspiration (videos available)</td>
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<tr>
<td>Image Blender</td>
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<tr>
<td>Keyboarding</td>
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<tr>
<td>Kidspiration</td>
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<tr>
<td>Kurzweil (videos available)</td>
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## AT Software at MCPS Schools

### Elementary Schools
- Tech Mod 06 schools
- Tech Mod 07 schools
- Tech Mod 08 schools
- Tech Mod 09 schools
- Tech Mod 10 schools
- Tech Mod 11 schools

### Middle and High Schools
- Tech Mod 06 schools
- Tech Mod 07 schools
- Tech Mod 08 schools
- Tech Mod 09 schools
- Tech Mod 10 schools
- Tech Mod 11 schools