Bookshare:
Providing Accessible Materials to Students with Print Disabilities

Bookshare

1

Welcome to Session 2

Today's presenter:

Karen Narvol

Independent assistive technology consultant and trainer

Bookshare

2

HOW TO DOWNLOAD, SAVE, & OPEN BOOKSHARE BOOKS

Bookshare

Big Ideas for Today

& What are Bookshare's specialized formats?

& How do I download and save a Bookshare zipped file?

& How do I extract a zipped file?

& How do I open and read a Bookshare book using one of Bookshare's free reading tools?

& Where can I get help on Bookshare's website?

Bookshare

BOOKSHARE FORMATS

Bookshare

Bookshare Formats

📖 Bookshare offers text-based access for NON-copyrighted books to anyone

- Public domain, freely-distributable books are available to all
- No login required
- Formats: **HTML** and **TXT**
- Read in a browser, word processor, or other application that displays .html or .txt files

Bookshare

Bookshare Formats

📖 Bookshare formats available to individuals with qualifying print disabilities (copyrighted materials)

- **DAISY-3** (Digital Accessible Information System)
  - ◇ global digital talking book format

- **MP3 and Daisy Audio**
  - ◇ digital audio

- **BRF** (Braille Ready Format)
  - ◇ digital braille

Bookshare

Bookshare Formats
DAISY

📖 Digital Accessible Information System
- Standard for producing and reading accessible and navigable multimedia publications

📖 Bookshare produces DAISY digital text
- ☐ With images (larger file)
- ☐ Without images

Bookshare

Features of DAISY Applications

- 📖 Navigate forward and backward by word, paragraph, page or chapter
- 📖 Go to any page, chapter, section header
- 📖 Support for table of contents and index
- 📖 Searchable
- 📖 Place bookmarks in the text
- 📖 Make notes in the text
- 📖 Increase and decrease the rate of speech
- 📖 May display images and descriptions if available

Bookshare

Bookshare Formats – MP3
https://www.youtube.com/watch?v=VQzX13ikFHE

- 📖 Compression system for music
- 📖 Common audio file format
- 📖 "Flat" format
- 📖 Store, organize, and play Bookshare MP3 files on MP3 players
- 📖 Download the zipped Bookshare MP3 file to a computer, save it, & extract it to a folder
  - ☐ If using an Apple device, use iTunes to transfer the files to your device
  - ☐ For other devices, connect the device to your computer and copy the MP3 files as recommended by the manufacturer

Bookshare

Bookshare Formats
DAISY Audio

📖 DAISY Audio is a universal format standard for audio books

📖 Features:

  ☐ Audio format only

  ☐ Easier navigability

  ☐ Better TTS voice than comes native to the device

  ☐ Requires reader that supports DAISY Audio

Bookshare

Bookshare Formats
BRF

📖 Braille Ready Format (.brf)

  ▪ Digital text format creates refreshable braille

  ▪ No images or text formatting

  ▪ Electronic representation of a braille book
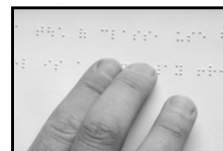
📖 Available from Bookshare in both EBAE and UEB contracted or uncontracted braille

  ▪ Select the *Braille Ready Format* and *Braille Grade* in Member *Download Preferences*.

Bookshare

Unified English Braille

As of January 1, 2016, Bookshare now offers Bookshare books in **Unified English Braille (UEB)**

NEW!

Download Preferences for Demo Student A

Preferred Format

DAISY with Images, when available

Image Quality

Low Resolution

~~Braille Grade~~

Grade 2 (contracted) UEB
✓ Grade 2 (contracted) EBAE
Grade 1 (uncontracted) UEB
Grade 1 (uncontracted) EBAE

Refreshable display, 40 cells wide

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MP3 Files

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13

FOLDER STRUCTURE

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14

Create a Folder Structure for Storing Bookshare Books

📕 Several elements comprise a Bookshare book.

📕 It is important to download, save and extract all the elements of a Bookshare book to one folder in order for the book to work.

📕 Well-defined folder structures can enhance security of copyrighted books.

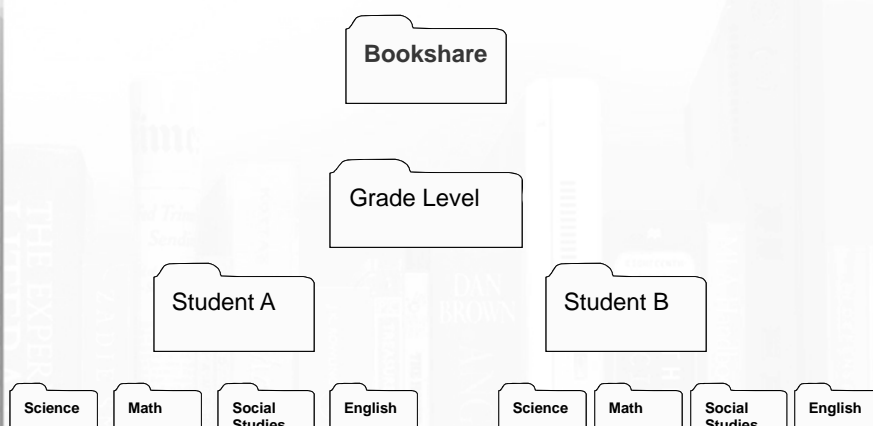| Date modified	Name	Type
9/21/2011 1...	images	File folder
9/21/2011 1...	A_Tale_of_Two_Cities.ncx	NCX File
9/21/2011 1...	A_Tale_of_Two_Cities	Digital Talking Bo...
9/21/2011 1...	A_Tale_of_Two_Cities	XML Document
9/21/2011 1...	A_Tale_of_Two_Cities00001	SML Multimedia ...
9/21/2011 1...	A_Tale_of_Two_Cities00002	SML Multimedia ...
9/21/2011 1...	A_Tale_of_Two_Cities00003	SML Multimedia ...
9/21/2011 1...	A_Tale_of_Two_Cities00004	SML Multimedia ...
9/21/2011 1...	A_Tale_of_Two_Cities00005	SML Multimedia ...
9/21/2011 1...	A_Tale_of_Two_Cities00006	SML Multimedia ...
9/21/2011 1...	daisy	Cascading Style S...
9/21/2011 1...	daisyTransform	XSL Stylesheet
9/21/2011 1...	dtbook-2005-3.dtd	DTD File
9/21/2011 1...	html	Cascading Style S...

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15

Example - Folder Set-up

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Grade Level

Student A   Student B

Science	Math	Social Studies	English

Science	Math	Social Studies	English

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16

DEMONSTRATION: SET UP FOLDERS

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DOWNLOAD BOOKS TO A COMPUTER

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Downloading Books

📖 Create a folder structure in which to save books

📖 Download and install software

    ☐ Victor Reader Soft BS Edition for Windows

    ☐ Read:OutLoud BS Edition, Windows and Macintosh

    ☐ Other compatible software program

📖 Use search features and find book

📖 Select (organizational) Member, select Download Format

📖 Download book

📖 Extract files and save to appropriate folder

Bookshare

Free Bookshare Software for Members
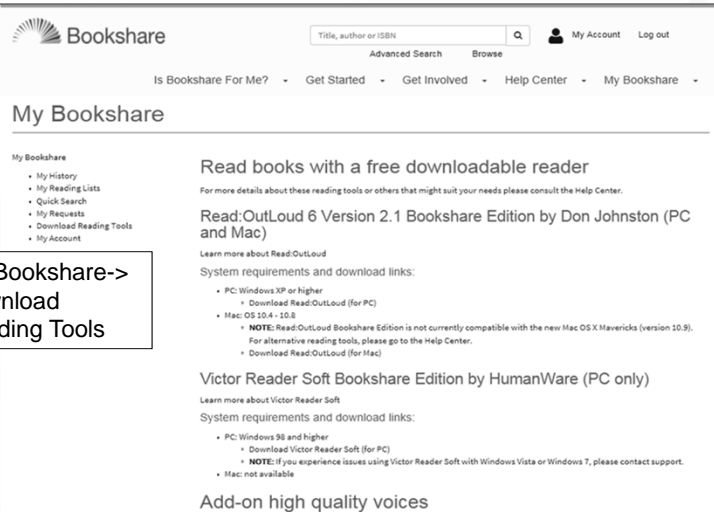
📖 Victor Reader Soft

    ☐ Compatible with Windows XP and later

        ◇ Must use Microsoft Voices (David and Zira) on Windows 8 & 10

        ◇ Text Notes do not function in Windows 7, 8, and 10

    ☐ Future versions of the software are no longer being developed

    ☐ Designed for people who are blind or have low vision

📖 Read:OutLoud

    ☐ Compatible with Windows and older Mac operating systems

        ◇ Windows XP and later, and Mac Lion and Mountain Lion only

    ☐ Future versions of the software are no longer being developed

    ☐ Designed for people with learning disabilities

📖 Acapela Voices

Bookshare

Downloading Free Software
(Remember: You Must be Logged In)

Bookshare

Title, author or ISBN

Advanced Search   Browse

My Account   Log out

Is Bookshare For Me? ▾   Get Started ▾   Get Involved ▾   Help Center ▾   My Bookshare ▾

My Bookshare

My Bookshare
- My History
- My Reading Lists
- Quick Search
- My Requests
- Download Reading Tools
- My Account

Read books with a free downloadable reader

For more details about these reading tools or others that might suit your needs please consult the Help Center.

Read:OutLoud 6 Version 2.1 Bookshare Edition by Don Johnston (PC and Mac)

Learn more about Read:OutLoud

System requirements and download links:
- PC: Windows XP or higher
  - Download Read:OutLoud (for PC)
- Mac: OS 10.4 - 10.8
  - **NOTE:** Read:OutLoud Bookshare Edition is not currently compatible with the new Mac OS X Mavericks (version 10.9). For alternative reading tools, please go to the Help Center.
  - Download Read:OutLoud (for Mac)

Victor Reader Soft Bookshare Edition by HumanWare (PC only)

Learn more about Victor Reader Soft
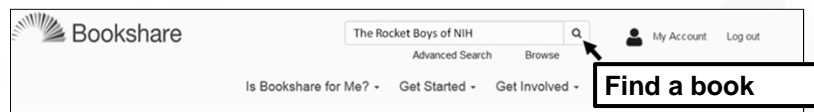
System requirements and download links:
- PC: Windows 98 and higher
  - Download Victor Reader Soft (for PC)
  - **NOTE:** If you experience issues using Victor Reader Soft with Windows Vista or Windows 7, please contact support.
- Mac: not available

Add-on high quality voices

My Bookshare->
Download
Reading Tools

Bookshare

21

Downloading a Book

Bookshare

The Rocket Boys of NIH

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Bookshare

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Downloading a Book

Search Results ○

Showing 1 - 17 of 17 results

Modify your search criteria

Bookshare Demo: The Rocket Boys of NIH by Don Luckett

Fifty-two years ago, members of a review committee at the National Institutes of Health dug into their wallets and purses to give a "grant" to a 9-year-old boy named Terence Boylan of Snyder, N.Y. His energetic request for $10 to build a rocket ship with his 14-year old friend Bruce Cook moved distinguished members of this NIH committee to invest in the future. Bookshare demo title.

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↑

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23

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The Rocket Boys of NIH, by Don Luckett

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List: All Members ◆   Filter   Search

	First Name	Last Name	Grade	Quicklist	Birth Date	Disability	Plan	Download format
☐	Jane	Doe	10	Yes	11/11/00	Visual, Learning	IEP	DAISY Text Only ◆
☐	Demo	Student A	12	Yes	03/24/98	Visual, Physical	IEP	DAISY Text Only ◆
☑	Demo	Student B	6	Yes	06/20/03	Learning	IEP	DAISY Text Only ◆
☐	Demo	Student C	8	Yes	03/04/01	Physical, Learning	IEP	BRF ◆

N/A = Not eligible for download

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The Rocket Boys of NIH, by **Don Luckett**

Download For

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- Demo Student B – DAISY Text Only

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24

12

Select *Available,* then *Save File*

Status

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If the book has many pages and/or images or is a DAISY audio or MP3 file, it may take some time to package. If so, you will see "In Progress" under *Status*. You will receive an email from Bookshare when the book is available for download.

Save to Flash Drive/Network Folder/ or Other Location
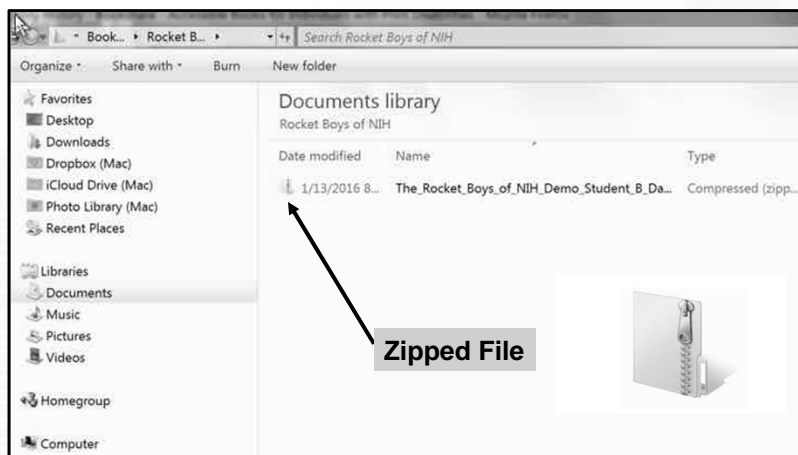
Zipped File

DEMONSTRATION: DOWNLOADING A BOOK

EXTRACTING ZIPPED FILES

Bookshare

Zipped Files

- 📖 Bookshare uses standard Zip compression technology
  - ☐ files download as "zipped," or compressed files
- 📖 Compression creates one file per book
  - ☐ a zipped file is much smaller and faster to download and manage
- 📖 Windows XP and above have Zip capability built into the operating system, which will extract ("unzip") Bookshare files
- 📖 Mac operating systems (e.g., Mavericks, Yosemite, El Capitan) have an Archive Utility built into the operating system that extracts Bookshare files
- 📖 Third party software utilities that extract zipped files are also available

ZIP

Extracting Files

📖 In order to open a book in a software program you must first extract it

📖 For a **Windows** computer:

☐ Right click on the zipped file and select ***Extract All***

📖 For a **Mac** computer:

☐ Right click (Ctrl+click) and select ***Open With***. Select *Archive Utility* or another utility that uncompresses zipped files

📖 You can delete the zipped file when you have extracted it

31

Extracting Files - Windows

Right click on zipped file, Select ***Extract All***
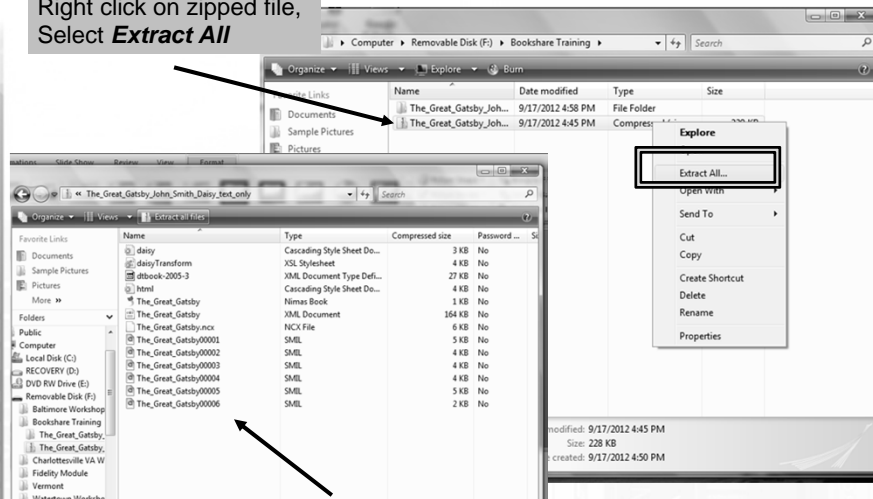
All components of an extracted Bookshare file **must** be in one folder

32

Extracting Files - Macintosh

Right click (or Ctrl+click) on zipped file, Select *Open With*

BS Books Unzipped	▶	Macbeth_De..._text_only.zip	
BS Books Zipped	▶	Moby_Dick_...y_text_only.zip	Arrange Quick Styles Shape Outline ▾
		The_Great_Gatsby_Demo_Student_C_Daisy_text_only.zip	

Open
Open With ▶   The Unarchiver (default) (2.7.1)

Move to Trash   Archive Utility (10.10)
    StuffIt Archive Manager
Move to Dropbox   StuffIt Expander (15.0.4)
    StuffIt Expander (14.0.1)
Get Info   The Unarchiver (2.5)
Rename   Windows Explorer (Windows 7)
Duplicate
Make Alias   App Store...
Quick Look "The_Great_Gatsby_Demo_Student_C_Daisy_text_only.zip"   Other...
Share ▶

Copy "The_Great_Gatsby_Demo_Student_C_Daisy_text_only.zip"

Show View Options

Archive Utility

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DEMONSTRATION: EXTRACTING A ZIPPED FILE

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HOW TO FIND THE RIGHT TOOLS FOR YOUR STUDENTS

Bookshare

Ways to Read using Bookshare

❶ **Multi-modal** reading: See and hear words simultaneously

❷ **View** books with large font on a PC screen, or print

❸ **Listen** to them (many voice options)

❹ Read **Braille** (digital or hardcopy)
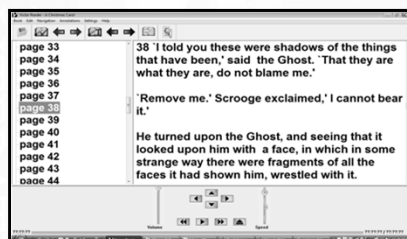
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Bookshare Reading Options

Computer	• Download free software and books to a computer; read
AT Devices	• Download books (in DAISY Text, DAISY with Images, DAISY Audio, or BRF formats) to computer, transfer to AT devices; or download directly to devices.
Mobile	• **Read2Go:** Download, read on iOS devices • **Go Read:** Download, read on Android devices • Download **MP3** format for MP3 players
Web	• Bookshare Web Reader: Read in an Internet browser!

Bookshare

37

Read:OutLoud Bookshare Edition

Read:OutLoud - [Untitled document 1]
File Edit View Insert Outline Text Speech Tools Window Help

Bookshare Demo: The Rocket Boys of NIH   Web

3   OF 17   eText Style Large Black Text on White

3

The Rocket Boys Ask for Help

Terence Boylan and Bruce Cook had a dream. They wanted to soar past the clouds and explore space. It was a big dream in 1957. No one had done it before. And Terence was just 9 years old. His friend Bruce had to use a wheelchair to go anywhere.

They made plans for a shiny rocket that could carry a mouse into the sky and bring it back safely. But they didn't have the money to buy the aluminum they needed.

My Topic
"Terence Boylan and Bruce Cook...
"explore space."
"No one had done it before."
"They made plans for a shiny rocket"
"carry a mouse"
Unassigned Notes

How to Install and Use Read:OutLoud Bookshare Edition:
https://www.bookshare.org/cms/help-center/how-do-i-install-and-use-readoutloud-bookshare-edition

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38

DEMONSTRATION:
READ:OUTLOUD BS EDITION

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HOW-TO GUIDES

Bookshare

Brochures and How-To Guides

- User Feedback
- Online Learning
- Other Resources
- Tools for Trainers
- Video Tutorials
- Webinars
- Brochures and How-To Guides

Materials for Further Learning!

Download and share these Bookshare flyers:

- Bookshare K-12 General flyer - PDF - Word p1 - Word p2 - PDF (Spanish)
- Bookshare General flyer - PDF
- The Many Ways to Read Bookshare Books flyer - PDF - Word
- Bookshare Student Access Form - PDF - Word

How-To Guides:

- Add Sponsors and Members - PDF - Word
- Find and Request Books - PDF - Word
- Reading Lists - PDF - Word
- Web Reader Access for Students - PDF - Word
- Bookshare Web Reader - PDF - Word
- Read2Go - PDF - Word
- Victor Stream Reader - PDF - Word
- BrailleNote - PDF - Word
- NLS Player - PDF - Word
- Extracting (Unzipping) Downloaded Books - PDF - Word

https://www.bookshare.org/cms/help-center/training-and-resources/brochures

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41

ACTION PLAN

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42

Action Plan for Session 2

📖 Set up a folder system in which to store Bookshare books

📖 Download a free reading tool

📖 Search for a book for a qualified Member

📖 Select Member and select Download Format

📖 Download, save, and extract a book

📖 Open and read book with free reading tool or other compatible application

If you do not have an Organizational Membership, use the Demo Account: orgdemo@bookshare.org, demo480

Bookshare

43

DEMO Account for Organizations

📖 If using the Demo account, download one of the following books (orgdemo@bookshare.org / demo480)

☐ **Bookshare Demo: The Rocket Boys of NIH** by Don Luckett

☐ **Bookshare Demo: Introduction to Economic Analysis** by R. Preston Mcafee

☐ Any out of copyright book

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44

Questions?

45

Join us for Bookshare Webinars 3 & 4
February 16 and March 2, 2016

Topics to be covered on Feb. 16:

- ☐ Legal requirements to provide AEM
- ☐ NIMAS and NIMAC
- ☐ Managing a Member roster
- ☐ Creating and Sharing Reading Lists
- ☐ Providing students without individual memberships access to the Bookshare Web Reader and shared Reading Lists

46

Join us for Bookshare Webinars 3 & 4
February 16 and March 2, 2016

Topics to be covered on March 2:

☐ Read with assistive reading tools

◇ Demonstration of Kurzweil 3000, Read&Write Gold, Bookshare Web Reader, Snap & Read Universal

☐ Using features of tools to support students' reading

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47

References

📖 Narvol, K. B. (Contributor) (2016). Bookshare Train the Trainer [PowerPoint slides]. Retrieved from http://workshops.perkinselearning.org/. Used with permission from Bookshare.org and Perkins eLearning.org.

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48