

Universal Design for Learning Guidelines



Provide Multiple Means of Engagement

Representational

Proposed, motivated learners

- Provide options for self-regulation and persistence
- Facilitate personal coping skills and strategies
- Develop self-management and motivation

Provide options for sustaining effort and persistence

- Offer goals and challenges
- Support challenge and mastery experiences
- Increase mastery-oriented feedback

Provide options for equalizing interest

- Optimize individual choice and autonomy
- Increase relevance, value, and authenticity
- Minimize threats and distractions



Provide Multiple Means of Representation

Strategic, goal-directed learners

Provide options for comprehension

- Offer multiple representations of knowledge
- Highlight critical features, by color, shape, and relationships
- Maximize transfer and generalization

Provide options for language, mathematical expressions, and symbols

- Use multiple representations
- Clearly state and structure
- Support decoding of text, mathematical symbols, and notation
- Promote understanding across languages
- Illustrate through multiple media

Provide options for perception

- Offer ways of containing the display
- Offer alternatives for auditory information
- Offer alternatives for visual information



Provide Multiple Means of Action & Expression

Strategic, goal-directed learners

Provide options for executive functions

- Guide appropriate and strategic development
- Offer multiple means of organization
- Enhance capacity for monitoring progress

Provide options for expression and communication

- Use multiple tools for construction and composition
- Offer multiple means of support for practice and performance

Provide options for physical action

- Vary the workload for response and navigation
- Offer alternatives to both and alternative technologies

What's a Minibook and What Does it Have to Do With Reading and Writing?

A minibook is a miniature eight-page book formed with a unique folding process. Following the principles of **UDL**, it can be used to **engage, represent, or express**. A minibook can embed information about **STEAM** in a creative and multi-sensory way.

Additional Resources:

- <https://www.creativetechns.com/tipsblog/discover-pocketmod-the-low-tech-pda/>
- Pinterest-search for Social Stories mini books

What would you do with a minibook and how could it make a difference for the clients with whom you work?



Happy Folding!

Example 1: PowerPoint Minibook

An educator or student can produce an individualized minibook using a PowerPoint template. The template features 8 identically sized "pages" which can be populated with text, photos, clip art, or printed blank to allow the user to draw page contents. Once printed, the border around the book is trimmed, and the book is folded.

<http://bit.ly/minibooktemplate>

Endless Versatility

Information can be scaffolded, reproduced, and individualized, providing access for all!

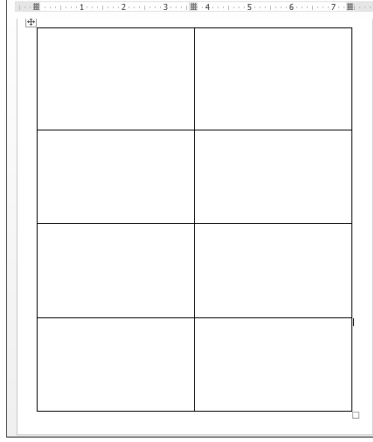
<p>Green Green Frog, Green Frog What Do You See???</p>	<p>White White Dog, White Dog What Do You See???</p>	<p>Black Black Sheep, Black Sheep What Do You See???</p>	<p>Brown Brown Bear, Brown Bear What Do You See???</p>
<p>Blue Blue Frog, Blue Frog What Do You See???</p>	<p>Purple Purple Frog, Purple Frog What Do You See???</p>	<p>Yellow Yellow Frog, Yellow Frog What Do You See???</p>	<p>Red Red Frog, Red Frog What Do You See???</p>



What would you do with a minibook?

Example 2: MS Word Minibook

Make your own template in MS Word using the table tools



More: But, Wait, There's Foldables®

Dinah Zike has developed many three-dimensional educational manipulatives, or graphic organizers, used to organize, display and arrange data to assist students to grasp concepts, theories, processes, facts, and ideas, or sequence events.

www.dinah.com/index.php

Example 3: "Poof Book"

The only "technology" this book requires is a piece of 8 1/2 X 11 paper and a pair of scissors. Follow the folding instructions and populate the "pages" by hand. This site, created by educator Vicki Blackwell, contains many other examples of foldable graphic organizers that can be used to display information one step at a time.

<http://www.vickiblackwell.com/makingbooks/>