

# Grid 3 – Make an Accessible Book

## Introduction

Accessible books can be created using Grid 3. The Grid 3 program has various access settings to make the book accessible via mouse, switch, or eye gaze. This tutorial provides instructions for creating a talking, accessible book. The story will be typed into the cells and then read by a digitized voice. Navigation cells will be embedded in the book to allow the reader to turn the page, go back, stop speech, or return to Home.

## Learning Objectives

Completing this tutorial will give you experience:

- Creating a book template.
- Linking pages.
- Adding images.
- Using the text to speech feature.

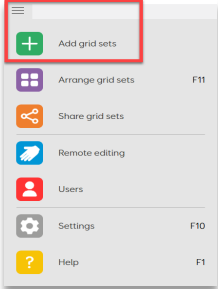
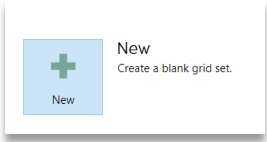
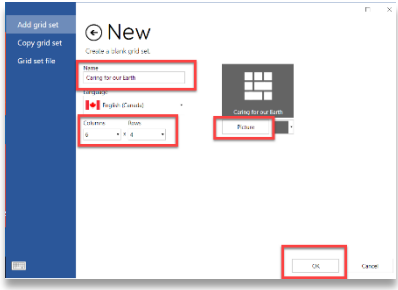
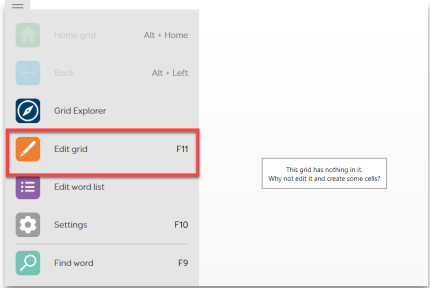
## This tutorial assumes that

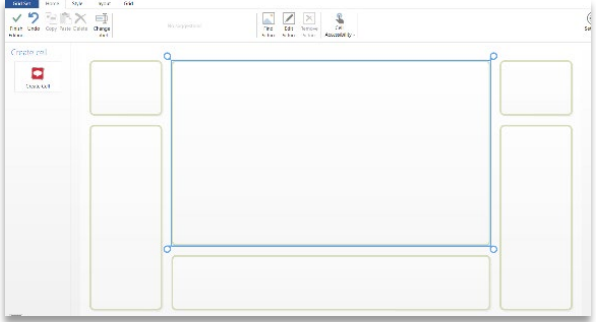
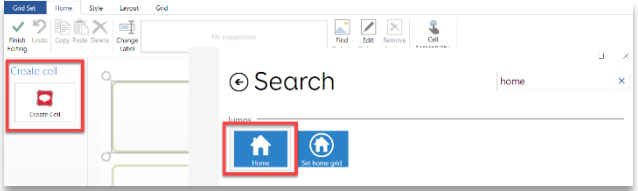
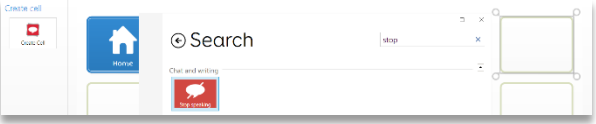
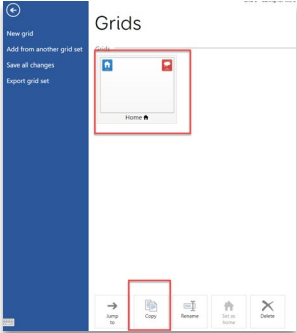
- You have Grid 3 installed.
- You have basic knowledge of Grid 3 editing functions.
- You have any custom images or photos for the story located on the computer.
- The student's preferred access method has been programmed into Grid 3.

## Case Study

Ashlee is a grade 3 student who enjoys stories but is not able to physically hold or read a book. Ashlee can independently turn the virtual pages and listen to her accessible book using an eye gaze computer. She is motivated to 'read' the same book many times. With this repetition, Ashlee is learning new vocabulary and language patterns. She can also share her books and ideas with her classmates using this technology. Ashlee's work with accessible books promotes goals for literacy, independence, communication, motor skills, and social interaction.

## Make an Accessible Book – Grid 3

Step	Instruction	Visual
1	<p>Launch Grid 3.</p> <p>From the main menu, Choose <b>Add grid sets</b>.</p>	
2	<p>Choose <b>New – Create a blank grid set</b>.</p>	
3	<p>Add the name of the book.</p> <p>Program the Grid size by selecting the number of rows and columns.</p> <p>Add an image and colour to this tile.</p> <p>Select <b>OK</b>.</p>	
4	<p>The Grid will appear on the Grid Explorer home page.</p> <p>Open the grid and select <b>Edit grid</b> from the Menu bar.</p>	

Step	Instruction	Visual
5	<p>Decide which cells will contain the images and text of the story.</p> <p>Drag the mouse to <b>resize</b> the cell.</p> <p>Place navigation commands such as Exit, Home (first page), next page.</p>	
6	<p><b>Adding a navigation command:</b></p> <p>Example: Home command.</p> <p><b>Select</b> the cell on the Grid set.</p> <p>On the left panel, click “<b>Create Cell</b>”</p> <p>Scroll or search for the <b>Home</b> cell.</p> <p>Select <b>OK</b>.</p>	
7	<p>Add the <b>Stop Speaking</b> command:</p> <p><b>Select</b> the cell on the Grid.</p> <p>Click <b>Create Cell</b>.</p>	
8	<p><b>Duplicate this page:</b></p> <p>Click <b>Grid Set</b> on the top toolbar.</p> <p>Select <b>Copy</b>.</p>	

**Step Instruction**

**Visual**

Copy this page as many times as needed for the story.

**9** Name each page. (Home, page 2, etc.)

Click **OK**.



**Linking to the next page:**

Open page 1.

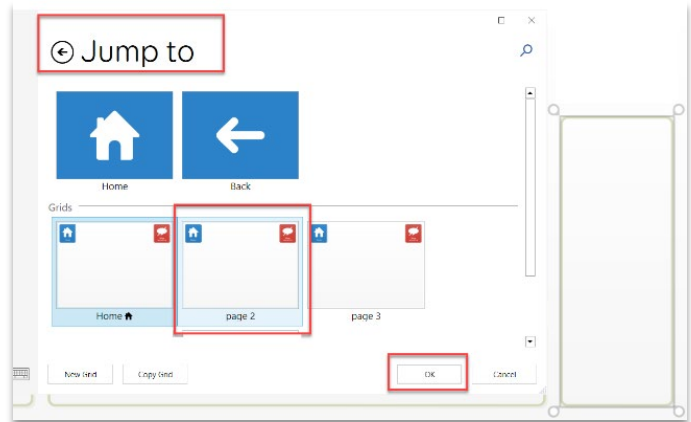
**Select** the cell that goes to the next page on the grid.

**10** Click **create cell**  
 Select the **Jump To** command.

Click **Next**.

A pop-up window with all the pages will appear.

**Select page 2.**



**Step Instruction**

**Visual**

11

Choose an icon that indicates that the box links to the next page.

Repeat the process with each page:

Click **Grid Set**

**Open Page 2**

Repeat the linking process as many times as required.

When done, click **Finish Editing**.



**Linking to the previous page:**

12

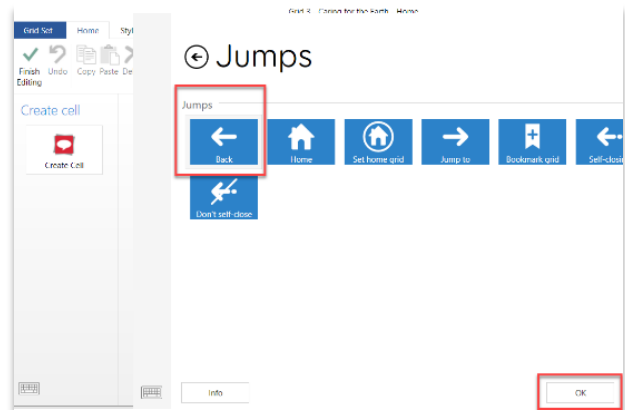
Open page 2.

Select the cell that will jump to the previous page.

Click Create Cell.

Select the Back command.

Click Ok.

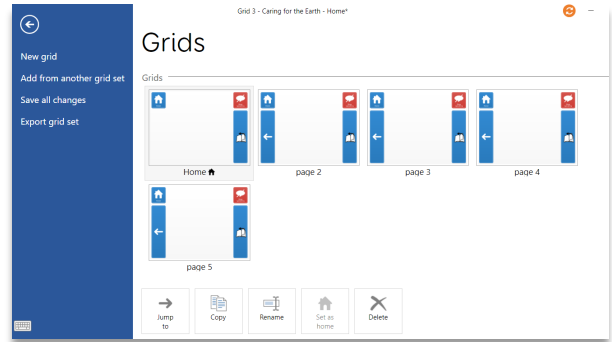


**Step Instruction**

**Visual**

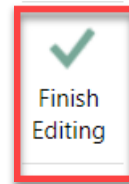
13

Repeat the process with all the pages required.



14

Click **Finish Editing** to save work.



15

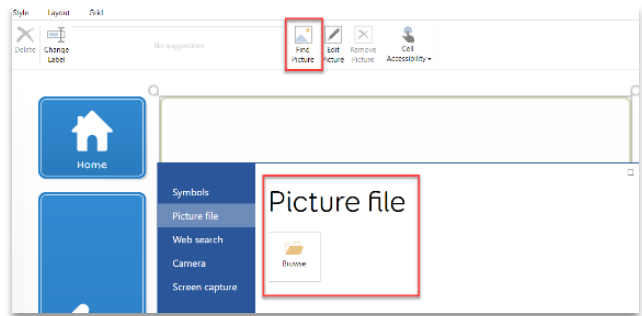
**To insert a picture:**


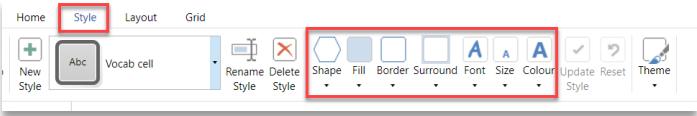
Click the picture cell.

Click **Find Picture**

If using a custom photo, click **Picture file**.

Browse the computer to find the desired photo.



Step	Instruction	Visual
16	<p><b>Add text to speech:</b></p> <p>Select the cell that will contain text.</p> <p>Click <b>Create Cell</b>.</p> <p>Choose <b>Write cell</b>.</p> <p>Write the desired text in the cell.</p>	
17	<p><b>Change the size and font:</b></p> <p>Click <b>Style</b>, change font and size using the toolbar options.</p>	
18	<p>Click <b>Finish Editing</b> when all changes are done.</p> <p>Run the book from <b>Grid Explorer</b> to ensure that the speech and links work as desired.</p>	