# Grand Lake Meadows Historical Mapping - Website User Guide

This website is designed to promote awareness of the Grand Lake Meadows wetland region in New Brunswick through a review of historical maps of the region.

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What can you expect to learn?
Where is Grand Lake Meadows, why is this area considered so valuable, who lived here, when did they arrive, are there still people living off the land, what was the role(s) of government, and what historical maps can tell us about the past.

How is the site laid out?
There are 5 sections:

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Outlines the site objectives and organization, where Grand Lake Meadows is, and a description of historical and present day activities.

Describes why maps are such valuable resources and what we can learn from them. Each of the links: 1700s, 1800, 1900s, and 2000s contain a table with the historical maps found, animations and interactive maps which show us information about the maps or life during that time, text describing life and activities during the century, and a brief history of New Brunswick in that period. The Summary of changes outlines changes from 1700s to present day.

**Passkeys to collect on 5 of these pages!**

Maps, maps and more maps. You can overlay the historic maps on present day maps, you can view properties and wetlands as recorded at different time periods and find information about the map features.

**Passkeys to collect on these 4 pages!**

Use the Passkeys you collected in the History and Geography sections to complete puzzles. The puzzles include a word search and an anagram.
The A visual tour page loads a map, and if you click on the camera icons you will see what the meadows looks like in 2013.

What can you do? Links you to current activities you can partake in at Grand Lake Meadows.

What’s a Passkey?
A passkey can be a word, group of words or a puzzle piece. You collect these by correctly answering a series of questions.

Where can you get the passkeys?
In the History and Geography Sections.

How to collect History Passkeys?
The History pages: 1700s, 1800s, 1900s and 2000s are laid out in the same format:

Shown is an example from the 1700s.

1. On the first tab, 1700s passkey, there are a series of questions about the maps from the 1700s.
   - You need to correctly answer all 5 questions to complete the puzzle piece and collect your Passkey.
   - The ANSWERS to these questions can be found on the tabs in this page:
     - The answers may be on any of the tabs: Historical map scans, Animated/Interactive maps, What do these images tell us? or the 1700s history tab.

(Website address: http://gaia.gge.unb.ca/glm/en/index_en.html)
2. When you successfully answer all questions, the puzzle piece fills in, and you receive the passkey from this page:

![Image of a puzzle](https://example.com/image.png)

3. Collect passkeys and puzzle pieces from each of the pages:
   - 1700s, 1800s, 1900s and 2000s & Why Historical Maps.
   - Once you have all 5 passkeys proceed to the History Puzzle

How to use History Passkeys for the History Puzzle

There are two puzzles on this page: Part 1 & Part 2.

**Part 1: History Puzzle**

- In Part 1, enter in the passkeys in each of the appropriate text boxes.
- Press Submit.
- If all are entered correctly, a video appears on the right hand side of the screen, press Play to start the movie.
The movie assembles the collected puzzle pieces to reveal the Grand Lake Meadows project area.

**Part 2: History Puzzle**

Scroll to the bottom of the page to find part 2 of the history puzzle.

- Fill in the blanks with the letters from your passkeys to solve for a phrase.
- Press Submit once you think you’re correct.

If you do not have all 20 letters (and the phrase) correct, you will see the screen below, indicating how many were correct.

*There’s also a ‘Hint’ if you roll over the ‘hint’ with your mouse, some of the letters show up to help you solve the puzzle*
How to collect Geography Passkeys?

In the Geography section, there are 4 passkeys to collect, one on each of the pages.

On each of the pages in the Map section, there are two tabs: (a) the passkey tab, and the (b) Map tab. The ANSWERS to the questions asked on the Passkey tab are found on the MAP tab.

(Website address: http://gaia.gge.unb.ca/glm/en/index_en.html)
Example: Question
Question #2 from the Property Ownership and Wetland Passkey:

Q2. What type of wetlands were identified in the 1700s?

Example: Answer:

1. On the MAP tab

2. On the right hand side, adjust the Time period start/ end to include only the 1700s.

3. Turn ON the WETLAND Layer
   • Click on Wetland under the Legend
   • Click the Checkmark beside Wetland Classification
4. Look at the Map and the Symbology used… look in the legend to see which classification this matches.

- The colours and lines represent the ‘Unprofitable Sunken’ classification.
- So the answer to Question #2 is Unprofitable Sunken.

(Website address: http://gaia.gge.unb.ca/glm/en/index_en.html)
Continue this process to answer all the questions on this page and the other pages in the Geography section. Once you’ve collected all 4 passkeys (a total of 9 words): Proceed to the Geography Puzzle page to complete the puzzle and use your passkeys.

How to use Geography Passkeys for the Geography Puzzle

On the Geography puzzles page, there is a graphic with words hidden in it.

Find the Geography Passkeys in the image. The words may be written:
- Forwards
- Backwards
- Up
- Down
- diagonally

• As you find words in the image, click on them, and the words will turn red
• There are a total of 9 words to find in this word-search image.