Historic Lewes, Delaware
Solving the Mystery Historical Location

This activity is designed to introduce you to GPS technology and Geocaching. In Geocaching terms, this is a virtual, multi-cache. Virtual meaning you are looking for a place rather than “treasure.” Multi-cache meaning you are going to more than one location. Two (2) stops, answers to seven (7) questions, and some math calculations will lead you to the mystery historical location of this virtual, multi-cache.

Calculate the coordinates, go to the location, take pictures, and note the name and historical significance of this location in Historic Lewes, Delaware. Bonus points for taking pictures of you and your GPS at the location.

Location #1: N38 46.446  W075 08.344

1. The Zwaanendael Museum was built to commemorate the __AHP__ anniversary of the first European settlement in Delaware.

2. What year did the H. M. Brig DeBraak capsize and sink off the coast of Cape Henlopen? __QIRB__ Add the first and third digits (Q+R), then multiply by 3. __MK__

3. The H. M. Brig DeBraak had a crew of __LJ__ men.

4. How many members of the H. M. Brig DeBraak crew were lost at sea? Multiply this number by 2. __DO__

Location #2: N38 46.551  W075 08.329

5. How many cannons are displayed in the 1812 Park? __G__

6. The Bombardment of Lewes took place in the year __STUV__. Add the digits together (S+T+U+V), then add the digits of the result together again until you get a single digit number. __C__

7. How many hours was Lewes under siege? Divide by 2, then multiply by 5. __EF__

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These documents were originally created for “Enhancing a Field Trip with Technology for Teachers” by Dr. Wayne Hartshuh, Director of the Delaware Center for Educational Technology
Tour of Cape Henlopen (A “Geocaching” Adventure)

Welcome to Cape Henlopen State Park! You will travel to three (3) locations within Cape Henlopen State Park gathering information at each location so you can calculate the coordinates of a physical Geocache (in this case, an ammo box) in the Park. The 4th location you will travel to is where you will search (and hopefully, find) the Geocache. (Note: If you look for this name at www.geocaching.com, you will realize that the version on the Web is an example of a Geocache Gone Bad!)

Location #1: N38° 46.575’ W075° 05.551’
A = What was the name of this Fort? Assign numbers to each letter: A = 1; B = 2, … Z = 26. Add numbers together, then add each number together individually (example: if final sum is 23, then add 2 + 3 to = A. If numbers add up to over 9 - like 78, then add 7 + 8 = 15, then 1+5=6).

G = # of letters in the name of the Fort

C = G – A

B = How many steps are there to the top of this structure? Add these numbers together as described in A above. (Remember: Enjoy the scenery (especially the view at the top of the structure) and take lots of pictures along the way!)

J = B – G

Location #2: N38° 47.201’ W075° 06.108’
D = How many animals are mentioned on one small sign?

I = J * D

H = A + D

Location #3: N38° 47.146’ W075° 05.724’
E = How many like structures you see

F = (B + E) – (D * G)


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List of Waypoints on the eTrex Legend

<table>
<thead>
<tr>
<th>Waypoint</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1812 PARK</td>
<td>Geocache</td>
</tr>
<tr>
<td>N38 46.542 W75 08.285</td>
<td></td>
</tr>
<tr>
<td>1812 SIGN</td>
<td>Historical Marker at 1812 Park</td>
</tr>
<tr>
<td>N38 46.551 W75 08.329</td>
<td></td>
</tr>
<tr>
<td>ANIMALSIGN</td>
<td>Part of Tour of Cape Henlopen Geocache</td>
</tr>
<tr>
<td>N38 47.201 W75 06.108</td>
<td></td>
</tr>
<tr>
<td>CAPETOUR</td>
<td>Calculated Location of Geocache</td>
</tr>
<tr>
<td>S0 00.000 W0 00.000 (false coordinates)</td>
<td></td>
</tr>
<tr>
<td>LIKESTRUC</td>
<td>Part of Tour of Cape Henlopen Geocache</td>
</tr>
<tr>
<td>N38 47.146 W75 05.724</td>
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</tr>
<tr>
<td>MYSTERY</td>
<td>Mystery Historical Location in Lewes</td>
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<tr>
<td>S0 00.000 W0 00.000 (false coordinates)</td>
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</tr>
<tr>
<td>PHOTOOP1</td>
<td>Photo Op at a Lewes Landmark</td>
</tr>
<tr>
<td>N38 45.837 W75 08.630</td>
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<tr>
<td>PHOTOOP2</td>
<td>Photo Op at Cape Henlopen State Park</td>
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<tr>
<td>N38 47.709 W75 05.505</td>
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<tr>
<td>STEPTOTOP</td>
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<tr>
<td>N38 46.575 W75 05.551</td>
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<tr>
<td>ZWAANENDAEL</td>
<td>Zwaanendael Museum in Lewes</td>
</tr>
<tr>
<td>N38 46.446 W75 08.344</td>
<td></td>
</tr>
</tbody>
</table>
Historical Lewes

The Zwaanendael Museum
http://www.destatemuseums.org/information/Museums/Zwan/zwaanendael.shtml

Lewes Historical Society
http://www.historiclewes.org/

Delaware Historical Markers – Delaware Public Archives
http://www.state.de.us/sos/dpa/markers/markers-search.shtml

National Register of Historic Places
http://www.nationalregisterofhistoricplaces.com/

Delaware Artist Marsha Holler – About Lewes
http://www.marshas.net/lewes.html

Lewes Chamber of Commerce
http://www.leweschamber.com/

Cape Henlopen State Park

Cape Henlopen State Park
http://www.destateparks.com/chsp/chsp.htm

History of Cape Henlopen State Park
http://www.destateparks.com/chsp/chsphistory.asp

Delaware State Parks
http://www.destateparks.com

Geocaching

Geocaching – The Official Global GPS Cache Hunt Site
http://www.geocaching.com/

Buxley’s Geocaching Waypoint
http://www.brillig.com/geocaching/

Garmin – Makers of the eTrex Legend GPS Units
http://www.garmin.com

The GPS Store – online shopping
http://www.thegpsstore.com