

# GeoQuest Worksheet

Parker River National Wildlife Refuge

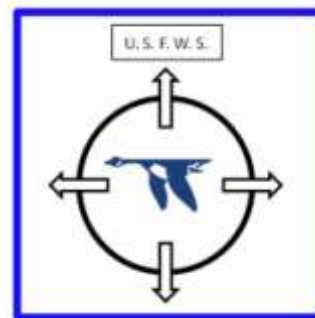
This *GeoQuest* was developed to provide you with a self-guided interpretive tour of Parker River National Wildlife Refuge. In order to successfully complete the *GeoQuest*, all you will need is a GPS receiver (which you provide) and the series of GPS coordinates that are provided in this worksheet (see next page). (GPS stands for geographic positioning system.) Each pair of GPS coordinates will lead you to a discrete location on the refuge where you will have an opportunity to learn about different aspects of wildlife, their habitats, Plum Island and refuge management.

## Here's how to complete the *GeoQuest*, one stop at a time:

1. Enter the pair of coordinates for a specific *GeoQuest* stop into your GPS receiver. Start with the coordinates for stop no. 1: **N 42° 47.876' -AND- W 070° 50.989'**
2. Using the GPS receiver, travel to and find the *GeoQuest* stop. Stops are identified by a 4"x4" wooden post bearing the *GeoQuest* symbol (see below).
3. Read the small informational panel that is mounted on the *GeoQuest* stop post.
4. Read the question on the panel and record your answer on the worksheet.
5. Proceed to the next stop.
6. After successfully completing the entire *GeoQuest*, return your worksheet to the refuge for an official Junior Refuge Manager badge! Worksheets can be dropped off at the visitor center during business hours (9:00 am to 4:00 pm, seven days a week) or mailed to the refuge at this address: Parker River NWR, Attn: *GeoQuest*, 6 Plum Island Turnpike, Newburyport, MA 01950. (Note: If you mail your worksheet to the refuge, please include your mailing address so we can send you the Junior Refuge Manager badge!)

In the course of completing the *GeoQuest* route, you will travel approximately 16 miles. All but the first of the *GeoQuest* stops are located within the refuge on Plum Island. There is no reason to venture off any trails, roads, or parking lots while on the refuge. Entering closed areas is strictly prohibited (and otherwise unnecessary). At certain times of the year you may not be able to get to one or two of the *GeoQuest* stops due to such things as a road closure (due to snow) or a beach closure (to protect the federally protected piping plover). In that event, you certainly won't be expected to answer the corresponding questions on the *GeoQuest* worksheet! Also, if the refuge has been closed because the parking capacity has been reached, you won't be able to complete the *GeoQuest*. Finally, please keep in mind that there is a \$5 entry fee for the refuge. The refuge is open sunrise to sunset year round.

**All *GeoQuest* stops can be identified by the presence of this logo.**



## **Here are the coordinates for your first *GeoQuest* stop:**

**N 42° 47.876' -AND- W 070° 50.989'**

# GeoQuest Answer Sheet

Parker River National Wildlife Refuge



Your Name: \_\_\_\_\_

Date: \_\_\_\_\_

<b>Stop No. 1</b>	<b>Stop No. 5</b>
Coordinates: <b>N 42° 47.876' -AND- W 070° 50.989'</b>	Coordinates: <b>N 42° 44.436' -AND- W 070° 47.834'</b>
Answer:	Answer:
<b>Stop No. 2</b>	<b>Stop No. 6</b>
Coordinates: <b>N 42° 47.411' -AND- W 070° 48.546'</b>	Coordinates: <b>N 42° 43.996' -AND- W 070° 47.449'</b>
Answer:	Answer:
<b>Stop No. 3</b>	<b>Stop No. 7</b>
Coordinates: <b>N 42° 46.929' -AND- W 070° 48.475'</b>	Coordinates: <b>N 42° 43.973' -AND- W 070° 47.160'</b>
Answer:	Answer:
<b>Stop No. 4</b>	<b>Stop No. 8</b>
Coordinates: <b>N 42° 46.508' -AND- W 070° 48.408'</b>	Coordinates: <b>N 42° 42.670' -AND- W 070° 46.753'</b>
Answer:	Answer: