

# Appendix 1: Plan a Field Trip! Look for Whooping Cranes!

## Eastern Migratory Population (EMP)

Listed in Alphabetical Order – Visit websites to learn when Whooping Cranes arrive near you!

### Alabama

**Wheeler National Wildlife Refuge** - This urban refuge hosts thousands of migratory birds during the winter time, and this includes around 25 Whooping Cranes. A short walk from the Visitor Center to the Observation building during the months of November to March will provide a wonderful view of Alabama's winter wildlife. Visit their website to learn more: <http://www.fws.gov/refuge/wheeler/>

### Florida

**St. Marks National Wildlife Refuge** - In the panhandle of Florida rests St. Marks National Wildlife Refuge. For several years this refuge was the destination of Operation Migration's Ultralight Migration for Whooping Cranes. It is also a refuge for many different species of birds and reptiles. Visit their website to learn more: [http://www.fws.gov/refuge/st\\_marks/](http://www.fws.gov/refuge/st_marks/)

### Indiana

**Goose Pond Fish and Wildlife Area** – With roughly 8,000 acres of wetland and prairie, Goose Pond Fish & Wildlife Area is a great place to go birdwatching. Over 260 species of birds have been recorded on site, including Whooping Cranes. Some Whooping Cranes began using this area as a wintering ground instead of migrating all the way down to Florida. Visit their website to learn more: <https://secure.in.gov/dnr/fishwild/3094.htm>

### Tennessee

**Hiwassee Wildlife Refuge** - Around 50,000 Sandhill Cranes visit Hiwassee Wildlife Refuge during the winter months, and they bring a few Whooping Cranes with them. This 6,000 acre refuge is also a great place to learn about Native American history. Visit their website here: <http://www.outdoorchattanooga.com/land/hiwassee-wildlife-refuge>

### Wisconsin

**International Crane Foundation** - Visit the International Crane Foundation (ICF) to observe captive Whooping Cranes up close in a wetland habitat. ICF is located in Baraboo and offers tours for the public and for school groups of all ages. For more information, visit their website at [www.savingcranes.org](http://www.savingcranes.org). Call ICF's Education Department at (608) 356-9462 ext. 127, or email [naturalists@savingcranes.org](mailto:naturalists@savingcranes.org) to book a tour.

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**Necedah National Wildlife Refuge** - Head to Necedah National Wildlife Refuge's observation tower where Whooping Cranes can be viewed in the wild. Necedah offers environmental educational programs to groups of all ages. For more information, visit their website at <https://www.fws.gov/refuge/necedah/>, call the refuge at (608) 565-2551, or send them an email ([necedah@fws.gov](mailto:necedah@fws.gov)).

**Horicon Marsh National Wildlife Refuge** - Horicon Marsh is the largest cattail marsh in the U.S. and is located in southeastern Wisconsin. As home to more than 290 species of birds, Horicon Marsh has been designated a "Wetland of National Importance" and a "Globally Important Bird Area." Visit their website at <http://www.fws.gov/refuge/horicon/>

## Aransas-Wood Buffalo Population (AWBP)

Listed in Alphabetical Order – Visit websites to learn when Whooping Cranes arrive near you!

### Kansas

**Quivira National Wildlife Refuge**- This refuge, established in 1955, provides habitat for migrating birds in the Central Flyway. Rare inland salt marshes and sand prairies make up the habitat on this 22,000 acre oasis, and there are many ways for visitors to explore the Quivira National Wildlife Refuge. Whooping Cranes also make a stop here during their migration along with many thousands of Sandhill Cranes. Visit their website to learn more: <http://www.fws.gov/refuge/Quivira/>

**Kirwin National Wildlife Refuge**- Kirwin National Wildlife Refuge lies right where the long grass prairies of the east and the short grass prairies of the west meet. This convergence of habitats creates a wide diversity of wildlife found on the 10,000 acre refuge. Greater Prairie Chickens, Deer, Prairie Dogs, and Canada Geese are all regularly found on the grounds. During certain times of the year Kirwin gets thousands of migratory waterfowl and waterbirds, including cranes. Visit their website to learn more: <http://www.fws.gov/refuge/Kirwin/>

### Montana

**Medicine Lake National Wildlife Refuge** - Surrounded by the Missouri River and the Canadian border, Medicine Lake National Wildlife Refuge is made up of heavily glaciated rolling plains. A diverse array of birds use this area as a breeding ground and stop-over habitat during migration. Medicine Lake NWR was set aside to protect the wildlife heritage of the United States. A valuable part of protecting that heritage includes providing opportunities for people to enjoy wildlife through photography, observation, hunting, fishing, and environmental education. The annual migration of hundreds of thousands of birds makes Medicine Lake a premier destination for birdwatchers and wildlife photographers. Waterfowl and upland bird hunts also find quality opportunities. Visit their website to learn more: [http://www.fws.gov/refuge/Medicine\\_Lake/](http://www.fws.gov/refuge/Medicine_Lake/)

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## Nebraska

**Platte River Crane Trust** – The Crane Trust is a non-profit organization dedicated to the protection and maintenance of critical habitat for Whooping Cranes, Sandhill Cranes, and other migratory birds along the Big Bend Region of the Platte River Valley through sound science, habitat management, community outreach and education. Visit their website to learn more: <http://cranetrust.org/>

## North Dakota

**Audubon National Wildlife Refuge**- This refuge lies within the heart of the Prairie Pothole Region, which is named for its many wetlands that resemble potholes. These wetlands and surrounding grasslands provide food, shelter, and nesting habitat for waterfowl and other birds.

Visit their website to learn more: <http://www.fws.gov/refuge/Audubon/>

**Lake Zahl National Wildlife Refuge**- This refuge includes two large wetland pools which attract many waterfowl and waterbirds. This smaller refuge is around 3,200 acres, and provides for many different species.

Visit their website to learn more: [http://www.fws.gov/refuge/Lake\\_Zahl/](http://www.fws.gov/refuge/Lake_Zahl/)

## Oklahoma

**Salt Plains National Wildlife Refuge**- The entire refuge is dedicated as critical Whooping Crane habitat during the fall and spring migrations. This area has been recognized as an Important Bird Area and is a member of the Western Hemisphere Shorebird Reserve Network. Visit this 32,000 acre refuge during the spring and fall for a higher chance of seeing Whooping Cranes.

Visit their website to learn more: [http://www.fws.gov/refuge/Salt\\_Plains/about.html](http://www.fws.gov/refuge/Salt_Plains/about.html)

## Texas

**Aransas National Wildlife Refuge** - Aransas National Wildlife Refuge is the migratory destination of the historic flock of Whooping Cranes during the winter. This refuge started in 1937 to serve as a “refuge and breeding ground for migratory birds and other wildlife...and...for use as an inviolate sanctuary, or for any other management purposes, for migratory birds.”

Visit their website to learn more: <http://www.fws.gov/refuge/Aransas/>

## Louisiana Non-Migratory Population (LNMP)

**White Lake Wetlands Conservation Area** – Non-migratory Whooping Cranes were historically found in Louisiana, but became extirpated in the late 1940s. In 2011, Whooping Cranes were reintroduced to the White Lake Wetlands Conservation Area. In 2016, the first Whooping Crane chick hatched there in over 75 years. Visit their website to learn more: <http://www.wlf.louisiana.gov/refuge/white-lake-wetlands-conservations-area>

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## If you see a Whooping Crane....

**Anyone who encounters a Whooping Crane** should report their observation at:

<https://www.savingcranes.org/report-whooping-crane/>.

Probable sightings or known observations are recorded by staff in a form linked to the monitoring database maintained by the Whooping Crane Eastern Partnership. Please provide date, time, exact location, bird behavior, description, and a photo if available.

When encountering a Whooping Crane in the wild please give them the respect and distance they need. If on foot do not approach birds within 200 yards; if in a vehicle, please remain inside and do not get any closer than 100 yards. Also, please remain concealed and do not speak loudly enough that the birds can hear you. Finally, do not trespass on private property in an attempt to view or photograph Whooping Cranes. These efforts will help prevent the cranes from becoming tame or used to people. Binoculars or a spotting scope are recommended to increase visibility. It is especially important to avoid disturbing a crane during evening roosting or if they are nesting.

# Appendix 2: Whooping Crane Trunk User Agreement

Name of School/Organization: \_\_\_\_\_

City, State, County: \_\_\_\_\_

Age/Grade of Audience: \_\_\_\_\_

Size of Audience: \_\_\_\_\_

Do you have Whooping Cranes in your county? \_\_\_\_\_

Did you request the crane trunk to accompany a certain unit in your classroom?

If so, which one? \_\_\_\_\_

\_\_\_\_\_

How did you hear about the crane trunk? \_\_\_\_\_

\_\_\_\_\_

Did you read the Crane Trunk Manual before teaching the activities? If so, was it helpful? How could it be improved? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How much knowledge did your students have of Whooping Cranes before using the trunk? \_\_\_\_\_

\_\_\_\_\_

Which activities did you use? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Appendix 2: Whooping Crane Trunk User Agreement

Which activities worked well? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Which activities did not work well? How could they be improved?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Was the information presented in a clear and applicable format? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Would you recommend the crane trunk to other teachers/educators? Why or why not?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Other comments and suggestions: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please send completed evaluation forms to:

Whooping Crane Outreach Program at ICF  
P.O. Box 447  
Baraboo, WI 53913

## Appendix 2: Whooping Crane Trunk User Agreement

Before using the Whooping Crane Education Trunk, please read and sign the “Crane Trunk User Agreement” form. The form should be returned to the International Crane Foundation or to the WCEP partner who loaned you this trunk as soon as possible via fax or mail. If you borrowed this trunk from the Wisconsin DNR in Madison, you can return the signed agreement form:

By fax to: 608-356-9465  
Attention: Whooping Crane Outreach Coordinator

Or by mail to:  
Whooping Crane Outreach Program at ICF  
P.O. Box 447  
Baraboo, WI 53913

**If you find any items missing or damaged upon receiving the trunk, please contact the International Crane Foundation or the WCEP partner who loaned you the trunk immediately.**

# Appendix 2: Whooping Crane Trunk User Agreement

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

School/Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Date Crane Trunk was received: \_\_\_\_\_

- 1. The Whooping Crane Trunk is designed for educational purposes only.** Please feel free to duplicate and share the printed educational materials with students and other teachers as much as you would like. Please do not alter the printed materials in any way.
- 2. Materials are loaned for a period of two weeks.** I understand that I can have the Whooping Crane Trunk in my possession for up to two weeks from the date it arrives. The Trunk must be postmarked or returned in person two weeks after it is received. I understand that failure to return the Trunk within this time may result in a late fee.
- 3. The Borrower is responsible for any loss or damage.** I have examined the contents of the Whooping Crane Trunk upon its arrival. I will return all materials to the lender in the same condition in which I received them. I understand that I am responsible for any lost or damaged items while the Crane Trunk is in my possession, and that I will be held financially liable for the replacement of any lost or damaged items.
- 4. The Borrower is responsible for returning the Whooping Crane Trunk.** It is the Borrower's responsibility to return the Trunk to the International Crane Foundation or to the WCEP partner who owns it when use is complete. The Borrower is responsible for personally delivering the trunk or paying return postage, unless otherwise noted.

I have read and understand the terms and conditions listed above, and I agree to comply with them. I have kept a copy of this agreement for my records.

Signature: \_\_\_\_\_

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

## Appendix 3: Additional Resources

Visit the following websites for more information about and photographs of Whooping Cranes:

**Wisconsin DNR:** Contains Whooping Crane news summaries, information about what to do if you see a Whooping Crane in the wild, and an online link to the *Wisconsin Whooping Crane Management Plan*.  
<http://dnr.wi.gov/topic/endangeredresources/animals.asp?mode=detail&speccode=abnmk01030>

**Operation Migration:** Read frequent online updates about Whooping Cranes monitored by Operation Migration. <http://operationmigration.org/InTheField/>

**Journey North:** Provides information on the characteristics, life cycle, ecology and conservation of Whooping Cranes. [www.learner.org/jnorth/crane/index.html](http://www.learner.org/jnorth/crane/index.html)

**International Crane Foundation:** Learn about their role in the recovery of Whooping Cranes.  
[www.savingcranes.org](http://www.savingcranes.org)

**Whooping Crane Eastern Partnership (WCEP):** Provides updates of the WCEP project, Whooping Crane recovery activities, and individual Whooping Cranes. [www.bringbackthecranes.org/](http://www.bringbackthecranes.org/)

**Project Learning Tree (PLT):** PLT is an award-winning environmental education program for PreK-8 formal and non-formal educators. Designed for all educators and naturalists, the materials are only available through PLT workshops led by certified instructors. Correlated to Wisconsin's standards, the Project Learning Tree Pre K-8 Environmental Activity Guide includes nearly 100 activities in a story-line technique covering themes of diversity, interrelationships, systems, structure and scale, and patterns of change. For more information about the program or to view a schedule of upcoming workshops, visit:  
<http://dnr.wi.gov/education/educatorresources/plt.html>

**Project WILD:** Project WILD is a nationwide environmental education program consisting of activity guides and supplementary environmental education materials for K-12 classrooms, youth groups, home schools, and nature centers. Project WILD encompasses over 165 environmental education activities. Project WILD includes: Project WILD K-12 Activity Guide, with over 165 activities focusing on wildlife, habitat, and responsible human actions; Aquatic Project WILD Activity Guide, which explores the fascinating world of water and the aquatic habitats it supports through 48 interdisciplinary activities; WILD in the City, a set of urban wildlife fact sheets. For more information about the program or to view a list of Project WILD coordinators by state, visit: <http://www.projectwild.org/ProjectWILDCoordinators.htm>

**Project WET:** WET stands for Water Education for Teachers. Wisconsin values its water resources! With almost 15,000 lakes, 33,000 miles of rivers and streams, and 5.3 million acres of wetlands within its borders, Wisconsin needs to protect these waterways. Project WET is a nonprofit water education program and publisher for educators and young people ages 5-18. It is designed to facilitate and promote awareness, appreciation, knowledge, and stewardship of water resources through the dissemination of classroom-ready teaching aids. The core of the program is the Project WET Curriculum and Activity Guide (Grades K-12), a collection of water-related, fun, hands-on, and easy-to-use activities. The 90-plus activities incorporate a variety of formats such as large and small group learning, laboratory investigations, discussion of local and global topics, and involvement in community service projects. Supplementary resources are available to complement and enrich many of the activities. For more information about the program or to view a schedule of upcoming workshops, visit: <http://dnr.wi.gov/education/educatorresources/wet.html>

# Appendix 4: Make Your Own Origami Crane!

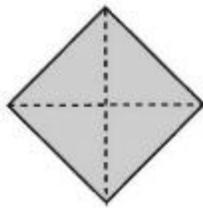
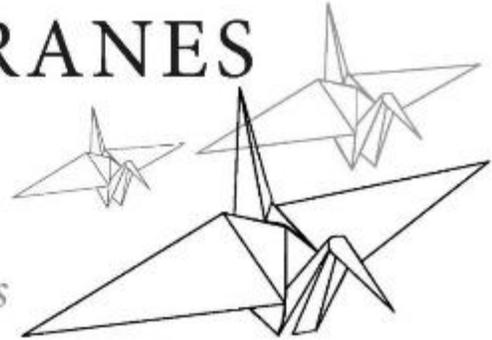


## ORIGAMI CRANES

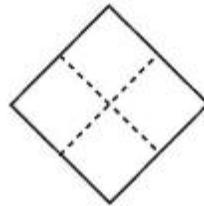
*"Fold 1,000 paper cranes*

*and your heart's desires*

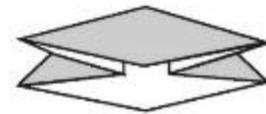
*will be fulfilled..."*



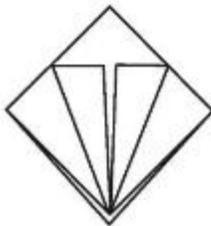
1. Using a square piece of paper, fold the paper in half to form a triangle. If using paper colored on one side only, begin with the colored side facing up. Unfold the paper and repeat to make folds seen in the image above.



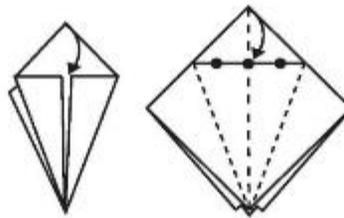
2. Flip the paper so the colored side is facing down and fold the paper in half forming a rectangle. Unfold the paper and repeat to make folds seen in the image above.



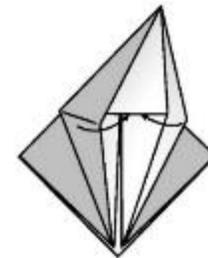
3. Now fold along all four creases at once to form a square with the open end facing you.



4. Fold two edges in, to form a kite-shape on top. Repeat on other side.

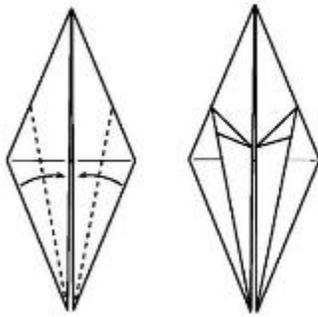


5. Fold the point down and crease above the other two folds. Flip the paper and repeat fold. Undo the folds you made in steps 4 and 5.

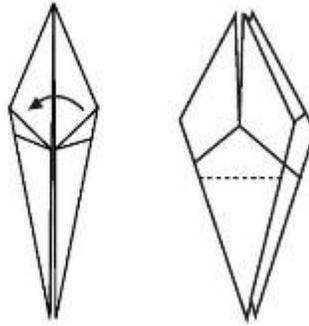


6. Pull the bottom corner (top layer only) up above the top corner. Fold along the creases you made in steps 4 and 5. Repeat on the other side.

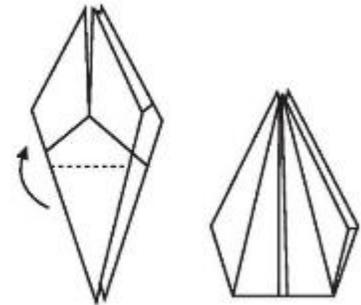
# Appendix 4: Make Your Own Origami Crane!



7. Fold two edges in to form a kite-shape. Repeat on the other side.



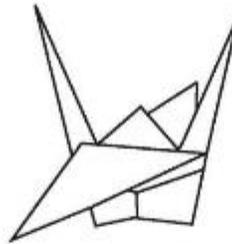
8. Fold the top layer (right side) to lay on top of the left side like turning the page of a book. Flip over and repeat on other side.



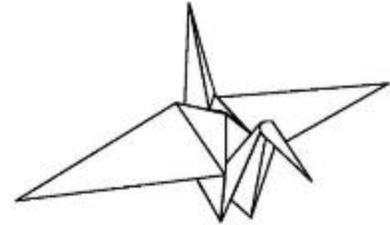
9. Fold up the top layer as far as you can on each side.



10. Fold the top layer (right side) to lay on top of the left side like turning the page of a book. Flip over and repeat on the other side.



11. Fold down wings.



12. Bend down the head to give the crane a long beak. Pull the wings straight out from the body so that the body inflates.

**Finished!**



**International Crane Foundation**

*"Working worldwide to conserve cranes and the wetland, grassland, and other ecosystems upon which they depend."*

[www.savingcranes.org](http://www.savingcranes.org)