Share the Beach
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Help beach-nesting birds!

The Piping Plover became a protected species under the Endangered Species Act in 1986. The Endangered Species Act provides penalties for killing, harassing or harming listed species. Along the Atlantic Coast, the Piping Plover is federally threatened. This means that unless the species and its habitats are protected through help and management from people, it is likely to become in danger of extinction. Extinction means the animal disappears forever. The Piping Plover is also listed under state endangered species conservation laws.

The Least Terns is another rare bird that nests along the Atlantic Coast. The Least Tern is protected under many state laws, and is a species of high conservation concern throughout its range.

Piping Plovers and Least Terns were once common along the Atlantic Coast. Today development of coastlines, building of seawalls and the popularity of beaches for people and pet use limits the space available for plovers to nest and feed. Animals such as crows, gulls and foxes have increased, and they sometimes eat plovers and terns. Plovers and terns have a hard time surviving with these challenges.

As you can see, beach-nesting birds need your help! Now that you are learning about these birds and their habitats, you will be able to help protect them and teach others to do so as well!
Piping Plovers build nests that look like shallow dips or "scrapes" in the sand, laying up to 4 eggs with each nest. Piping Plover chicks are precocial. This means that they can run around and eat bugs and worms after they hatch. Unlike many other birds, Piping Plover chicks do not need their parents to feed them. Piping Plover parents may pretend to have a broken wing to lure predators away from eggs or chicks.

Can you find the Piping Plover nest and color in the habitat?
Least Terns are another beach-nesting bird. Adults lay between 1 and 3 eggs per nest. These birds will defend their nests aggressively against humans and predators. Chicks cannot move for the first few days after they hatch, so their parents bring them food.

Find the three Least Tern nests on this page and color in their habitat.
The **PIPING PLOVER** and the Least **TERN** are both types of **BEACH**-nesting birds. Their colors help them to **CAMOUFLAGE** in sandy, rocky environments so that they are difficult for predators to see. Piping Plovers and Least Terns are **ENDANGERED** or threatened under many state laws, so it is important to protect their **HABITAT** by using certain types of **MANAGEMENT**. This is to ensure the **SURVIVAL** of these species. A **PREDATOR**, such as a **GULL** or crow, may try to find a plover’s or a tern’s **NEST** because a chick or an **EGG** is something they’d like to eat. To protect piping plover nests from these and other predators, a circular fence around the nest called an **EXCLOSURE** is used. This works because the plovers run off their nests and are able to easily fit through the holes in the fence. You can do your part to help plovers and other beach-nesting birds by removing your **TRASH** from the beach when you leave so it doesn’t attract predators and by not flying your **KITE** on the beach, because it could look like a large predator, which might scare them away from that beach.
Connect the dots and color in this picture
Unscramble these words about beach-nesting birds and their predators...

COCONRA

SUNKK

XFO

GLUL

WOCR

TCA

KWHA

Help the Piping Plover chick find its way back to its family!
For many birds, their coloration is different in the summer than it is in the winter. This is true for piping plovers, too. In the summer, their legs are orange, and in the winter, they are yellow. Their backs and wings are a sandy, gray color year round, and their underside is white. In the summer, breeding plovers will have a black tip on their orange bill, a black stripe between their eyes, and a black band around their necks. In the winter, both stripes are gone, and their bill is completely black.

Can you spot the differences between these summer and winter piping plovers? (Hint: there are three.)
Fill in this crossword puzzle about beach-nesting birds...

Across
1. Piping Plovers and Least Terns live on the _____.
3. Color of a Piping Plover's wings.
5. Plover nests look like _______ in the sand.
6. Keep these on a leash to protect beach wildlife.
7. Piping Plovers and Least Terns are types of _______ nesting birds.
9. Piping Plovers eat different types of these. (Hint: they have no backbone!)
11. Piping Plovers and Least Terns _______ to warmer habitats in the winter.

Down
1. The color of the tip of a Piping Plover's beak.
2. Black birds that eat Plover and Tern eggs and chicks.
4. This can attract predators if you don’t take it with you when you leave the beach.
6. Piping Plovers _______ predators to defend their nests.
8. Plovers and Terns like to build their nests above the ____ tide line.
10. Piping Plovers have spotted ____.
12. In the winter, Plovers have this color legs.

Down: 1. black 2. crows 4. garbage 6. distract 8. high 10. eggs 12. yellow
Fill in the blanks using what you have learned about beach-nesting birds and the words provided below...

The ____________ is a sandy-colored, stocky bird. Adult Piping Plovers have __________ legs, a __________ band across their foreheads and a __________ ring around their neck. Atlantic Coast Piping Plovers breed on coastal __________ from Newfoundland and southeastern Quebec to North Carolina. Piping Plovers and __________ nest on some of the beaches right here in your backyard! When the Plovers have found their nesting territories they begin courtship rituals.

The ____________ begins courtship rituals in late March or early __________. Plovers usually lay __________ eggs that hatch in about __________ - __________ days. These tiny chicks are very fragile and small. Most Least Tern nests have __________ eggs, and when the chicks hatch, they are difficult to find because they hide from __________. Some threats to the beach-nesting birds are __________ and __________, and natural predators like __________, __________ and __________.

Dogs
Cats
Twenty-five
April
Orange
Piping Plover
Least Terns
Beaches
Foxes

Black
Two
Raccoons
Piping Plover
Predators
Black
Four
Skunks
What you can do to help protect the beach-nesting birds in your area...

- Respect all fenced or posted areas
- Keep pets leashed!
- Do not litter…garbage on the beaches not only looks bad, but it attracts predators too!
- Do not fly kites near Plover or Tern nests.
- Fill in your holes before you leave the beach…a small hole to you could mean a big fall for a tiny plover chick!
- Avoid beach-nesting birds and their nests. A “broken wing” display and peeping sounds by an adult plover, or loud calls and low flying by an adult least tern, could mean that you are too close to their chicks or eggs.
Record what you see at the beach
I, ____________________, am proud that I completed the Share the Beach workbook and pledge to help protect beach-nesting birds and their habitats.

I pledge to:

1. keep away from marked or fenced areas where birds are nesting.
2. keep the beach clean by using proper bins or carrying out trash.
3. keep my dog on a leash on nesting beaches where dogs are permitted.

For more information on beach-nesting birds, please visit these websites:
www.fws.gov/northeast/pipingplover
www.allaboutbirds.org/guide/least_tern
The mission of the U.S. Fish and Wildlife Service is working with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American people.

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