

## Kid Stuff

### Nurturing Nature



Liberty Wildlife kids have fun doing experiments and finding out cool facts. Here's something to try after Thanksgiving or anytime you can get turkey or chicken bones. Pasta works, too!

Be sure to wash the bones!

## Bendy Bones!



### Materials:

- Turkey Bones
- Water
- Vinegar
- 2 Glass Jars
- 2 labels
- A writing utensil

### Instructions:

1. Collect turkey bones from Thanksgiving dinner and wash them.
2. Pour water into one jar and vinegar into the other.
3. Label the jars so you know which one is which.
4. Place turkey bones into jars and leave for a week.
5. Rinse off bones and try to bend them. Which ones bend easier?

### How it Works:

Bones are filled with calcium carbonate. When calcium carbonate reacts to the vinegar it weakens the bones. Bones need calcium to stay strong, but when it gets altered it becomes weak and bendy.

### Extra Experiments:

1. Have ham or chicken for Thanksgiving instead? Try those instead. Do they become bendy too?
2. Vegetarian? Try pasta instead. Does vinegar or water make the pasta bendy first? Why do you think that is?
3. Try leaving the bones in for two weeks. Do the results stay about the same or does it make a significant difference? How many days is the optimal amount of days?



## **Sandhill Cranes visit Arizona each fall.**

**What do they look like?** They are big grey birds with a red spot on their heads, long necks and legs, and small heads with a bill that's straight and longer than the head.

**Where can we find them?** They can be found in wetlands and on open grasslands. They migrate in really large flocks.

**What is a baby Sandhill crane called?** The baby is called a **colt**, and just like a baby horse, the baby crane has very long legs and likes to run!

### **Fun Facts:**

- Tens of thousands of sandhill cranes return to southern Arizona each fall, part of a migration that's been going on for thousands of years.
- Sandhill cranes are thought to be the oldest living bird species on the planet and follow many of the same patterns each year.
- The agriculture fields in Cochise County offer up the perfect place for sandhill cranes to find food, along with the water in the wetlands.

**Check out these links to learn more about them.**

[https://www.allaboutbirds.org/guide/Sandhill\\_Crane/id](https://www.allaboutbirds.org/guide/Sandhill_Crane/id)

<https://tinyurl.com/3np36jfv>

### **Puzzles!**

<https://www.jigsawplanet.com/?rc=play&pid=0efcc3a96611>

<https://www.jigsawplanet.com/?rc=play&pid=0494e29497a3>