

Dead Horse Point



Junior Ranger

How to Protect the Park!

- Stay on trail.
- Be informed by reading signs and asking questions.
- Be an example and help others to do the same!
- Conserve water.
- Keep your pets on a leash and clean up after them.

Leave No Trace

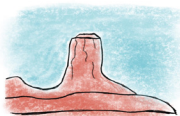
1. Plan ahead and prepare.
2. Travel and camp on durable surfaces.
2. Dispose of waste properly.
4. Leave what you find.
5. Minimize campfire impacts (be careful with fire).
6. Respect wildlife.
7. Be considerate of other visitors.

Who Do You Want to Be?

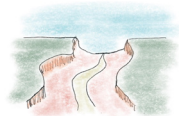
Complete the number of activities to achieve different levels!
Minimum of 4 to earn your Junior Ranger Badge.



Boulder-4 activities



Tower - 8 activities



Canyon - All Activities

Choose Your Own Adventures!

Go on 3 adventures from this list to complete this activity.

☐ Hike at least 1 mile on one of our trails

☐ Ride on the Intrepid Mountain Bike Trails

☐ Come to a Ranger program

☐ Look at the stars in the dark skies

☐ Pick up 3 pieces of litter and dispose of it

☐ Sit by a campfire

☐ Sit quietly for 5 minutes at one of our overlooks

☐ Tell a friend or family member how they can protect the park

☐ Read about the plants of Dead Horse Point on the nature trail

☐ Ask a Ranger to tell you about the Potash Ponds

☐ Identify 3 types of birds



Desert Ecosystem

What is a desert? Deserts are places in the world that receive less than 11 inches of rainfall per year. Which means that they are very dry! Now lets look at the animals and plants that call the desert of Dead Horse Point home.

Activity ☐

Unscramble the names of the Animals

Avren

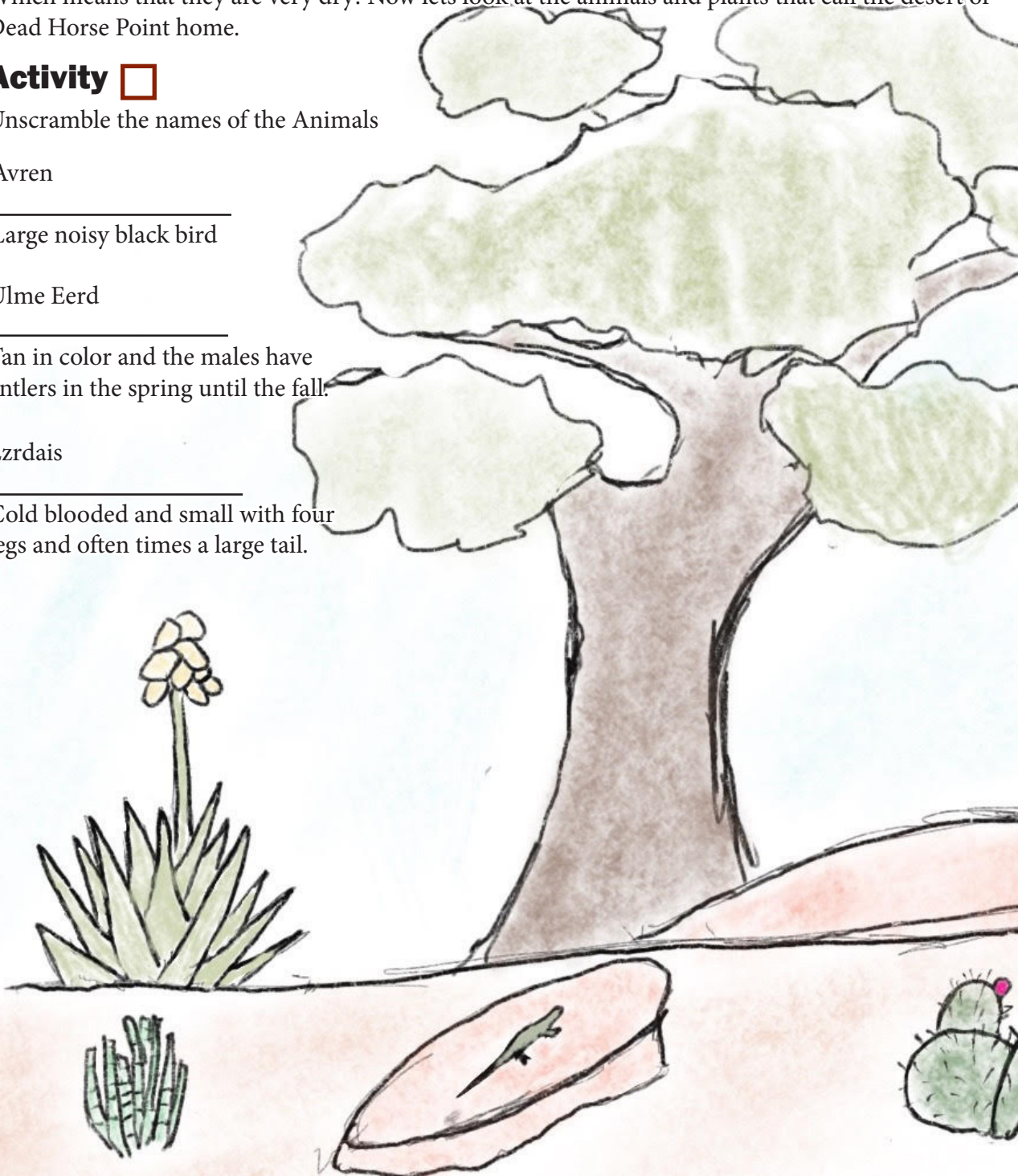
Large noisy black bird

Ulme Eerd

Tan in color and the males have antlers in the spring until the fall.

Lzrdais

Cold blooded and small with four legs and often times a large tail.



Activity ☐

Label the plants according to their description

Prickly Pear

Flat green paddle shaped body pieces with pinkish fruits

Juniper

Green foliage and twisted trunks

Mormon tea

A woody plant with very small green leaves

Pinyon Pine

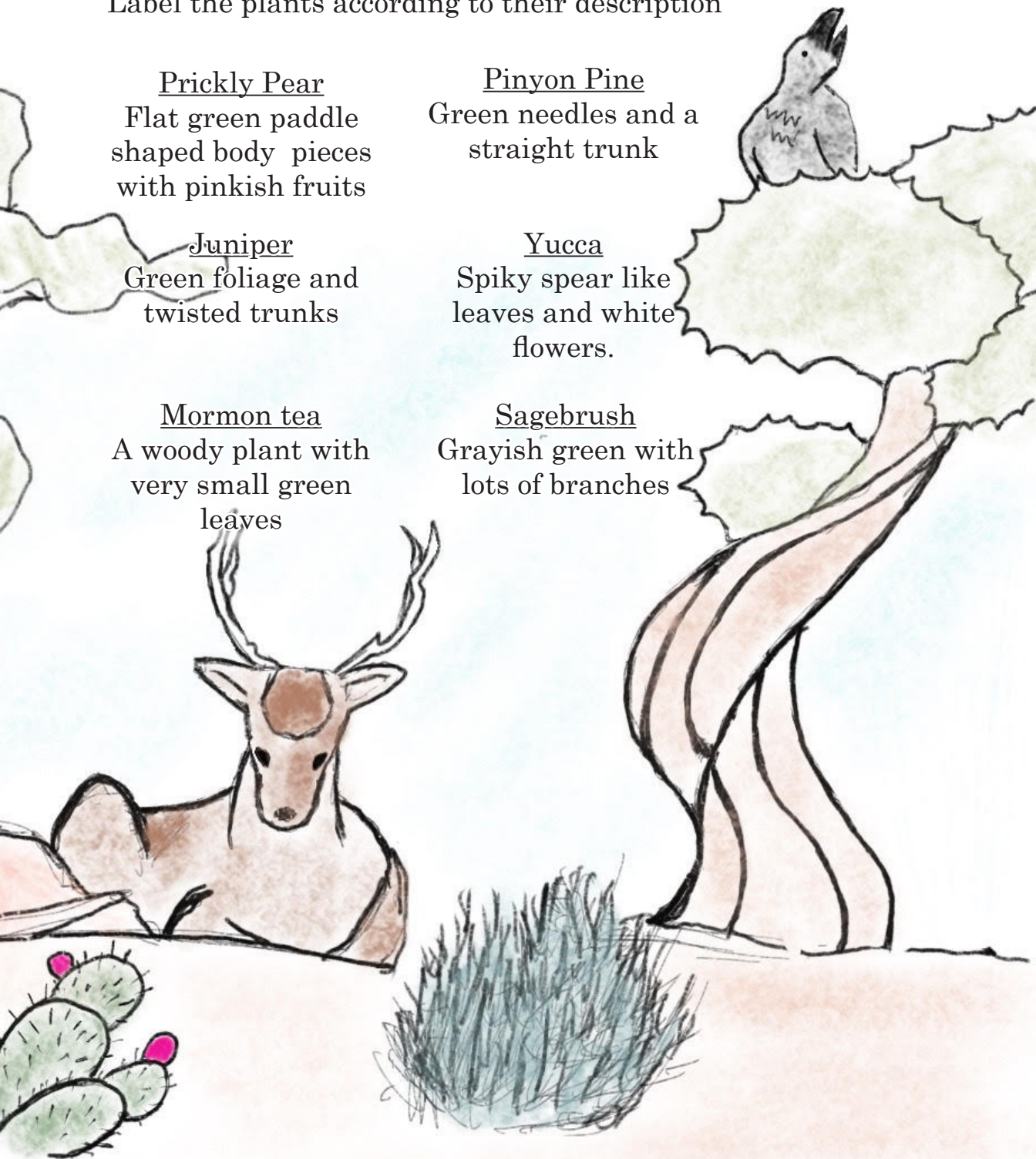
Green needles and a straight trunk

Yucca

Spiky spear like leaves and white flowers.

Sagebrush

Grayish green with lots of branches



Living Soil

Why is it important to stay on trail while hiking and biking in Dead Horse Point? Because our soil is alive! If you step off trail and break the crust our living soil is hurt by your actions. This crust often appears to be black and lumpy which is due to algae, lichen, moss, bacteria and fungi growing in the soil. The biological crust of these micro-communities helps the soil to retain water and prevents much of the soil from being eroded. Please stay on trail to help protect this fragile and amazing soil!

Activity ☐

Match the name with the pictures of the organisms

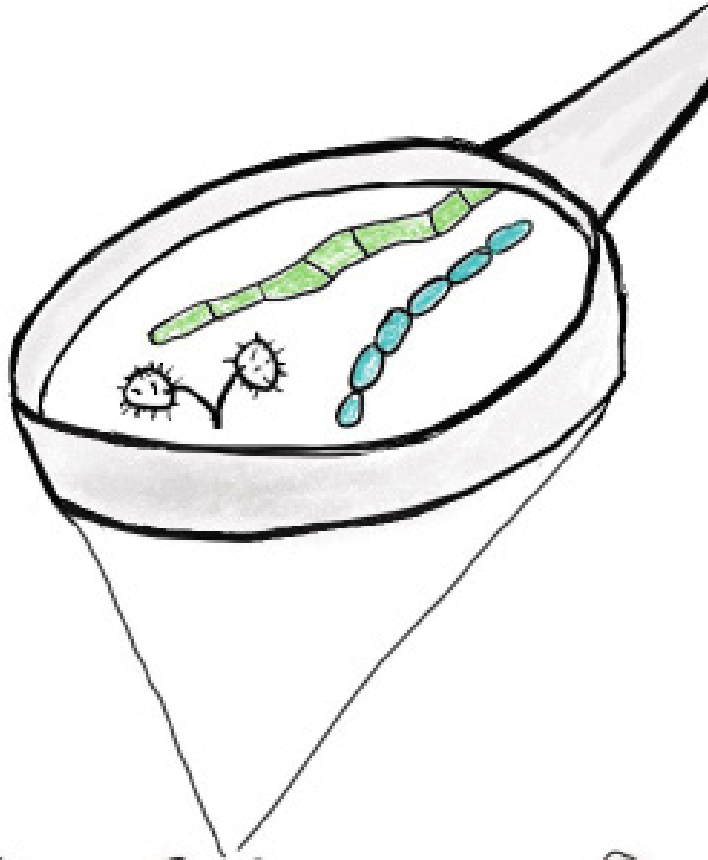
Fungi: Strands with poofy spore forming structures.

Lichen: Mats of thin paper like substances.

Mosses: Cushion like lumps that are dark in color.

Cyanobacteria: Blue green strands of cylinder shaped cells.

Algae: Thin green strands.



Geology

The different layers of rock were laid down by different environments.
See if you can follow the clues in the rock layers to **guess what environment produced 3 of the layers.**

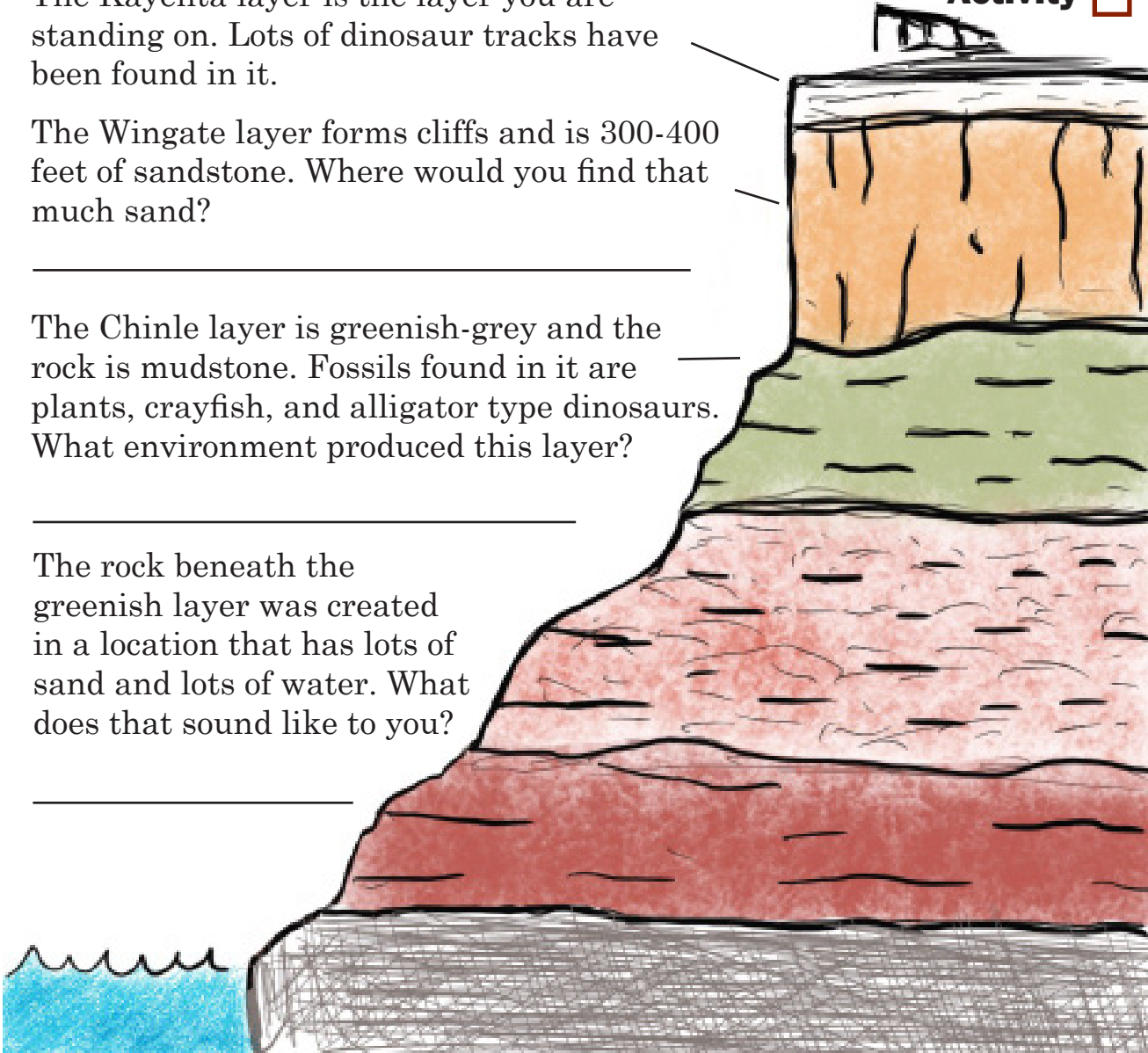
The Kayenta layer is the layer you are standing on. Lots of dinosaur tracks have been found in it.

The Wingate layer forms cliffs and is 300-400 feet of sandstone. Where would you find that much sand?

The Chinle layer is greenish-grey and the rock is mudstone. Fossils found in it are plants, crayfish, and alligator type dinosaurs. What environment produced this layer?

The rock beneath the greenish layer was created in a location that has lots of sand and lots of water. What does that sound like to you?

Activity ☐



Light Pollution

How many stars can you see from your own home? If you are from a city you may only be able to see a few dots of light in the night sky. At Dead Horse Point you can see thousands of stars. Why is there such a difference? In cities many of the lights we use create light pollution. When light is being produced it can reflect into the sky and

Night

What are 3 things you could do at your own home to reduce light pollution?

1.

2.

3.

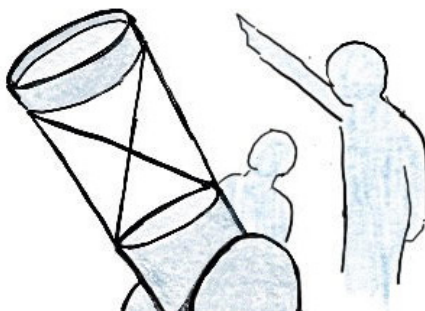
Sky

Constellations

Humans have been looking at the night sky for thousands of years. Oftentimes our ancestors saw patterns made of stars. They gave stories and names to these patterns of stars which we call constellations. Different cultures made different constellations and gave them their own stories.

Activity

Make your own constellation in the stars and give it a name and story.



Coloring Page

Activity ☐



Write Your Favorite Memory From Visiting Dead Horse Point!

Activity ☐

Bonus Activity ☐

Draw your favorite animal, plant, or landscape from Dead Horse Point!

Write Your Own Pledge!

Use some of the following words in your pledge: promise, ranger, example, protect, respect, nature, plants, wildlife, soil, leave no trace, teach, have fun, geology, night sky, stars, and light pollution.



Write Your Name

Ranger Signature

Date