

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

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

# Teacher Sheet: Winter Adaptations

✓Fledglings  
✓Nestlings

Match the animal to the adaptation that helps the animal survive the winter! Some adaptations can be used more than once. Some animals many have more than one adaptation.

**A. Migrates.** I cannot find food, water and shelter to survive. So I move else where.











**C. Caches Food.** I spend the fall storing food to last me the winter.

**E. Large feet** help me hunt for prey on top of the snow.

**B. Hibernates.** I spend winters in my den where I slow my breathing and heart rate down.

**D. Changes Diet.** I eat food that can be found readily during the winter.

**F. Nomadic Behavior**—I travel where the food is.

| Species   | Adaptation  | Species  | Adaptation |
|---|-------------|--|------------|
| Red Crossbill<br> <small>Photo by Tom Grey</small>         | <b>F</b>    | Pine Marten<br> <small>Photo from Wilderness Classroom</small> | <b>E</b>   |
| Pika<br> <small>Photo courtesy of NPS</small>             | <b>C, D</b> | Roosevelt Elk<br> <small>Photo courtesy of USFWS</small>      | <b>A</b>   |
| Mountain Lion<br> <small>Photo courtesy of USFWS</small> | <b>A</b>    | Mountain Chickadee<br> <small>Photo by Tom Grey</small>      | <b>D</b>   |
| Gray Jay<br> <small>Photo by Tom Grey</small>            | <b>C</b>    | Townsend's Chipmunk<br>                                      | <b>B</b>   |
| Rufous Hummingbird<br>                                   | <b>A</b>    | Dusky Grouse<br>   | <b>D</b>   |

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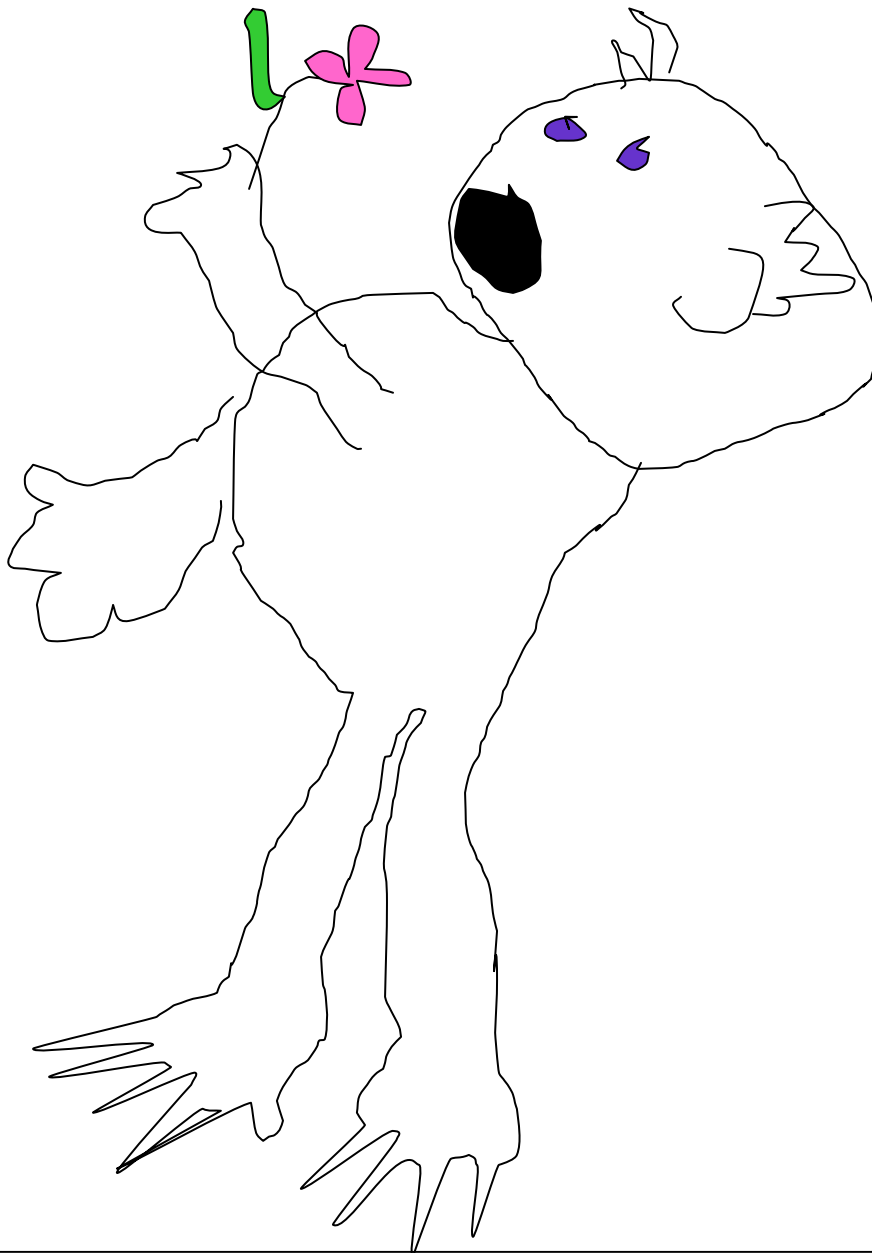
# Teacher Sheet: Winter Adaptations

✓Fledglings  
✓Nestlings

*In the space below design a Winter Wonder Adaptation Creation! Do not forget to list the adaptations your creation has and what species has shares adaptations. On the back side of this paper or on a separate piece of paper write a story about your Adaptation Creation. Where does it live? What does it eat? Be creative!*

**Winter Wonder Adaptation Creation Name:**

*Vegetarian Yeti*



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*Provide information about your Winter Wonder Adaptation Creation.*

**Write a short story about your Winter Wonder Adaptation Creation. Be sure to include what habitats your creation lives in, what it eats, and how it survives the winter!**

**My Winter Wonder Adaptation Creation eats** moss, lichen and conifer needles.

**My Winter Wonder Adaptation Creation finds water by** eating snow.

**My Winter Wonder Adaptation Creation finds shelter by** making a nest out of branches and leaves in the cavities of large snags.

**My Winter Wonder Adaptation Creation's story:**

*My Winter Wonder Adaptation is called Vegetarian Yeti. The Vegetarian Yeti has very large feet—bigger than most NBA players! If he had to buy sneakers, they would be a size 27! These large feet act like snow shoes and help the Vegetarian Yeti stay above the snow while foraging for moss, lichen and conifer needles. The Vegetarian Yeti also has down feathers just like a bird to help keep him warm in the freezing winter temperatures of Crater Lake National Park. Whenever the Vegetarian Yeti is thirsty for some ice cold water, he simply eats a large mouthful of snow! It is very rare to see one of these remarkable creatures, they spend the days out of sight in their nests in large snags eating all of the food they gathered during the night. Next time you are at Crater Lake National Park, be on the look out for size 27 footprints—it was probably the Vegetarian Yeti that left them behind!*

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Fill out the data table with evidence of species diversity at high elevation winters. Circle the appropriate symbol for how you detected the wildlife.



For animals seen



For animals heard



Tracks and Scat



Other evidence

## Wildlife Diversity Table:

| Animal Species        | Detection Method |  |  |  |
|-----------------------|------------------|--|--|--|
| Clark's Nutcracker    |                  |  |  |  |
| Gray Jay              |                  |  |  |  |
| Steller's Jay         |                  |  |  |  |
| Red-breasted Nuthatch |                  |  |  |  |
| Red Crossbill         |                  |  |  |  |
| Winter Wren           |                  |  |  |  |
| Brown Creeper         |                  |  |  |  |
| Hairy Woodpecker      |                  |  |  |  |
| Pine Marten           |                  |  |  |  |
| Pika                  |                  |  |  |  |
| Deer Mouse            |                  |  |  |  |
| Douglas Squirrel      |                  |  |  |  |
| Show Shoe Hare        |                  |  |  |  |