

UPGRADE to the Growing Bundle

CLICK HERE



Save 75%!

- ✓ **Covers ALL Science Topics**
- ✓ **Daily Work or as a Sub Plan**

6th, 7th, 8th Grade Reading Mega Bundle

Reading Comprehension Passage & Questions

- ✓ Over 115 Readings! Covers all Science Topics
- ✓ No Prep, Ready-to-Use Resource in Google and Office Format
- ✓ Includes Comprehension and Extension Questions



Nocturnal Animals



What are nocturnal animals?

Nocturnal animals are animals that sleep during the day and are active at night.

Here are some nocturnal animals you might know of:

- Bat
- Beaver
- Black Rhinoceros
- Cockroach
- Cougar
- Coyote
- Red fox
- Hamster
- Kangaroo (some are crepuscular)
- Koala
- Mouse
- Owl
- Python
- Tiger (most species)



Photo by - Yathin sk



Photo by - Steve -
<https://www.flickr.com/people/31563480@N00>

Are all animals nocturnal?

Not all animals are nocturnal. Two sleep behaviors that are different from the nocturnal sleep pattern are:

Ecobottle Sample



This section has been removed

Nocturnal: Organism awake during the night and is asleep during the day

Diurnal: Organism sleeps during the night and is awake during the day

Crepuscular: Organism is awake during dawn, dusk, or both.

Why are animals nocturnal?

There are many reasons why an animal would be nocturnal:

- Temperature: The animal may live in an environment where it is really hot during the day and cool at night.

Ecobottle Sample

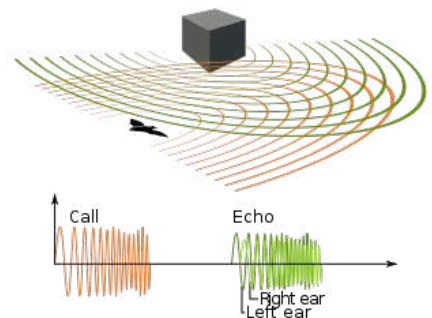
TWF

This section has been removed

What are some adaptations that nocturnal animals have?

To be able to live at night, nocturnal animals have some **adaptations** such as:

- Large eyes: This is used to help an animal see at night. The large eyes are packed with **rods**, which are special cells in the eyes that help animals see light. This allows them to see using the small amount of light that is always available.
- Echolocation: This is used to help animals find food and move around at night. Bats for example, sends out sound waves into its environment. As the sound waves bounce off of things such as other bats, trees, and insects, they “echo”. The bats can sense this echo and know what’s in front of them. This helps the animal locate and identify its surroundings.
- Large ears: This is used to help animals hear at night very quiet sounds at night. The ability to hear extremely well, also allows them to understand their environment.



Rods: Special cells in the eye that help animals see light

Cones: Special cells in the eye that help animals see color

Adaptations: Characteristics that an organism develops to live better in its environment.

Reading Comprehension Questions:

1. What
2. What are Diurnal and Crepuscular animals?
3. Why
4. List
5. List.

Extension Questions:

6. Using your device or a computer, list three nocturnal animals in your area as well as at least one adaptation that helps each animal has so that they can be nocturnal.
7. If humans
8. What is ONE

Ecobottle Sample



This section has been removed

TWF SAMPLE

References

BBC. (n.d.). Nocturnal. Retrieved May 25, 2016, from

<http://www.bbc.co.uk/nature/adaptations/Nocturnality>

Foley, J. A. (2013, December 13). Bat's Vision and Echolocation Empower Them to Be Top Nocturnal Predators. Retrieved May 25, 2016, from

<http://www.natureworldnews.com/articles/5300/20131213/bats-vision-echolocation-empower-top-nocturnal-predators.htm>

Kirk, M., & Denning, D. (n.d.). How do animals see in the dark? Retrieved May 25, 2016, from

<https://www.ebiomedia.com/how-do-animals-see-in-the-dark.html>

Prendergast, D., & Allaby, M. (2002, January). Nocturnal. Retrieved May 25, 2016, from

<http://www.encyclopedia.com/topic/Nocturnal.aspx>

Shen, L. (2012, July 9). Night Vision: How Animals See in the Dark | The Outside Story. Retrieved May 25, 2016, from http://northernwoodlands.org/outside_story/article/night-vision-how-animals-see

Pictures

https://c.fastcompany.net/multisite_files/fastcompany/imagecache/620x350/poster/2014/08/3034554-poster-p-1-stunning-closeup-photos-of-nocturnal-animals-we-rarely-see.jpg

<https://www.atlantishydroponics.com/blog/wp-content/uploads/2013/03/day-night-dif-pic.jpg>

http://animals.sandiegozoo.org/sites/default/files/juicebox_slides/owl_southern_white-faced.jpg

<https://upload.wikimedia.org/wikipedia/commons/7/77/Big-eared-townsend-fledermaus.jpg>