

## Creatures Of The Night

**WebQuest Description:** Bat Webquest

**Grade Level:** 3-5

**Curriculum:** Science

**Keywords:** bat, bats, science, nature, project, assignment

**Published On:** 2014-09-14 11:07:08

**Last Modified:** 2014-09-14 11:05:32

**WebQuest URL:** <http://zunal.com/webquest.php?w=255124>

### Introduction

What comes to mind when you think of bats? There are many phrases and movie screen theatrics that you probably think of such as Dracula, Batman and the phrase "Blind as a bat". This lesson we discussion what we already know about bats (or, what we THINK we know about them) and acquire a better understanding of these misunderstood mammals. Image: <http://media-cache-ak0.pinimg.com/736x/21/6a/20/216a20097b099d67df940d5b0c92c375.jpg>

### Tasks

There are so many myths about these mysterious creatures. These myths give bats a bad reputation and cause many to fear them. Batty, of Ferngully, just doesn't understand. Your duty is to fight through the myths and misconceptions to find the truth about bats. Image: [http://img2.wikia.nocookie.net/\\_\\_cb20100702014347/poohadventures/images/4/45/BattyKoda.gif](http://img2.wikia.nocookie.net/__cb20100702014347/poohadventures/images/4/45/BattyKoda.gif)

### Process

Step 1 Write down what you know about bats. Place this information under the title of Schema (what you ALREADY know). It's perfectly okay if you don't know a lot of information about bats at this point. Just write what you know. Let's learn some vocabulary! Nocturnal Echolocation Colony Pup Your first task is to learn the meaning of these words as they will help you on the next steps of your journey. It may be helpful to you to write these vocabulary words with their definitions down. Also, check out the Echolocation Song located on this page. **\*\*HALT: Did you complete Step 1? If not, do not proceed. If yes, let's GO!\*\*** Step 2 Now that you have a basic understanding of some of the words you will encounter and know what they mean, it's time to split into your assigned group for this step. As a group you will be making a K-W-L Poster you will present to the class. Once you are in your group begin discussing what you wrote down about bats at the beginning of this journey. As a group create a list of questions about what you all would like to learn about bats. Each member of the group should at least contribute one question. Now, as a group use the site Bats4Kids to learn about all things batty. There are also many videos you may view. Make a list as a group of what you learned. You can designate one group member to write this out, though you may find it useful to take some notes on your own. Here are some ideas: What do bats eat? Where do they live? Now that you have a list of facts, discuss amongst your group what misconceptions you had about bats and the truth about them. Where do you think these crazy ideas about bats come from? **\*\*HALT: Did you complete Step 2? If so, you may proceed! Do you still have questions or is there something you don't understand? Discuss with your group and try to find the answers. You may also consult your teacher as a last resort\*\*** Step 3 On your own, your next mission is to create a 3-fold bat that you can acquire from your teacher. Each section you are to list one new thing you learned about bats. Use your best handwriting because these will be hung as a colony around the room to celebrate Autumn and Halloween. Image: <http://www.bethpage.ws/cb/jcasella/images/bats/fruit%20bat.jpg>

### Evaluation

Category and Score	Outstanding	Good	Satisfactory	Needs Work	Score
Creativity	You copied	You had some original ideas but mostly did the assignment like someone else	Shows originality and own thoughts	Goes beyond what is required	5
Group Work	Did not contribute to discussion	Participated only when asked	Participated in group.	Actively participated in group. Asked questions. On Task.	10
Individual Project	Didn't turn it in	Messy work. Turned in on time.	Turned in on time. Neat.	Turned in on time. Neat. Did best you could	10

Category and Score	Outstanding	Good	Satisfactory	Needs Work	Score
Accuracy of Project	Data presented neat and orderly.	Minor errors in data. Uses facts and not opinions.	Minor errors in data. Mixes of facts and opinions.	Major errors in data. Uses opinions and no facts	5
Total Score					30

## Conclusion

MYTHS vs FACTS: Myth: Bats are blind Bats use echolocation - a sort of radar - to find their way around. They can "see" much better than any person! &nbsp;Myth: All bats have rabies Not true. Like many wild animals such as skunks, raccoons and foxes, bats can carry rabies. But the chances of being bitten by--and getting rabies from--a bat are extremely small. In fact, bee stings are actually way more dangerous to people! No matter what, the best advice is never to touch a bat or any other wild animal. Myth: Bats attack people Most bats are gentle animals and would much rather get out of a person's way than to attack him or her. Would you pick a fight with something so much bigger than you? &nbsp;Myth: Bats fly into people's hair Simply not true. Silly, and maybe even funny to picture, but it just doesn't happen. &nbsp;Myth: Bats are pests Wrong. Bats help control pests! A single bat can snap up over 600 mosquitoes in one hour, as well as other little pests! Some species&nbsp;of bats even take part in the life cycle of plants by pollinating them.&nbsp;Myth: Vampire bats latch on and suck blood from people. Not true.&nbsp; There really are vampire bats. But they live only in tropical regions of Central and South America. Although they do feed on blood, it is usually animal blood.&nbsp;The bat drinks by making a quick slice with its sharp teeth and lapping up a spoonful or two. They do not latch on and suck blood, and they certainly don't turn animals—or people—into vampires! Vampire bats actually have helped people. Vampire bat saliva contains chemicals - called anticoagulants - that keep blood from clotting. From their research on vampire bats, scientists have developed a medicine to help heart patients. Guess what they called that drug? Draculin! Taken from: <http://www.nwf.org/Kids/Ranger-Rick/Animals/Mammals/Bat-Myths.aspx>&nbsp;Image: [http://www.dailymail.co.uk/news/article-2233048/Almost-human-Photographers-intimate-studio-portraits-wild-creatures-making-unnervingly-similar-gestures-us.html?ICO=most\\_read\\_module](http://www.dailymail.co.uk/news/article-2233048/Almost-human-Photographers-intimate-studio-portraits-wild-creatures-making-unnervingly-similar-gestures-us.html?ICO=most_read_module)

## Teacher Page

This webquest was designed to help children learn that bats are not the creepy animals they are made out to be. By better understanding bats, I hope to eliminate the fear of them.

### Standards

### Credits

#### Images:

[http://www.dailymail.co.uk/news/article-2233048/Almost-human-Photographers-intimate-studio-portraits-wild-creatures-making-unnervingly-similar-gestures-us.html?ICO=most\\_read\\_module](http://www.dailymail.co.uk/news/article-2233048/Almost-human-Photographers-intimate-studio-portraits-wild-creatures-making-unnervingly-similar-gestures-us.html?ICO=most_read_module)

<http://media-cache-ak0.pinimg.com/736x/21/6a/20/216a20097b099d67df940d5b0c92c375.jpg>

[http://img2.wikia.nocookie.net/\\_\\_cb20100702014347/poohadventures/images/4/45/BattyKoda.gif](http://img2.wikia.nocookie.net/__cb20100702014347/poohadventures/images/4/45/BattyKoda.gif)

<http://www.bethpage.ws/cb/jcasella/images/bats/fruit%20bat.jpg>

<http://herebewitches.tumblr.com/post/77896535472>

[http://www.dailymail.co.uk/news/article-2233048/Almost-human-Photographers-intimate-studio-portraits-wild-creatures-making-unnervingly-similar-gestures-us.html?ICO=most\\_read\\_module](http://www.dailymail.co.uk/news/article-2233048/Almost-human-Photographers-intimate-studio-portraits-wild-creatures-making-unnervingly-similar-gestures-us.html?ICO=most_read_module)

Myths vs Facts taken from: <http://www.nwf.org/Kids/Ranger-Rick/Animals/Mammals/Bat-Myths.aspx>

### Other