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evropský
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EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání
pro konkurenceschopnost

BATS

1. What do you know about bats? Watch the video about Echolocation.

<http://www.youtube.com/watch?v=Hr-Y2Tt8gFE>

Complete the text and translate into your language::

Bats use echolocation to find their _____

and their _____ .

Bats _____ the sound to find food.

With bionic ears they can hear _____ frequencies.

They sleep all day _____ down in the _____ .

They hunt by _____ and

they eat meals _____.

A squeal hits _____ and bounces _____.

Sound _____ determine their direction.

2. Describe the bat's body: (use the internet – Google pictures)



<http://commons.wikimedia.org/wiki/File:Square-townsend-fledermaus.jpg>

3. Read a fairy tale and choose the correct answer: **WHY BATS FLY AT NIGHT**

It is well known that bats fly at night. And everyone knows what bats look like: a bit like a bird, a bit like a mouse. A bat is in fact a mouse flying at night. Listen how it happened.

Many, many years ago the bat flew in the daytime and he chased insects as the birds did. But each bird watched him and asked him: “Who are you? You have got wings but you haven’t got any feathers. You don’t belong among us, birds, you aren’t allowed to hunt in our area. Go to hunt on the ground.”

The bat tried to hunt on the ground at night. But the mice gathered around him and they peeped: “What are you doing here? You have got wings! Go to hunt among birds. This is our area!”

The bat was sad. He wasn’t allowed to hunt in the air nor on the ground. He suffered from hunger. He nearly died of hunger. Fortunately he remembered that a wise owl lived nearby. He decided to ask her for her advice. It was quite easy to find her because her eyes shone like two lights in dark.

The bat asked her: “Wise owl, what shall I do? In the daytime I’m not allowed to hunt in the air, at night time I’m forbidden to hunt on the ground.” At once, the owl answered: “That’s quite easy. Go hunting in the air at night. I’m the only bird that hunts at night. I don’t mind it.” The bat was satisfied. He followed the owl’s advice and he was not hungry anymore. Since that time bats start hunting at night as mice do and they hunt in the air as birds do.

- The bat looks:** a) like a bird b) like a mouse
c) like a frog d) a bit like a bird, a bit like a mouse
- The birds said:** a) you haven’t got any wings b) you haven’t got any feathers
c) you belong among us d) you are allowed to hunt with us
- The mice said:** a) go to hunt among birds b) hunt in our area
c) this is your area d) you haven’t got a tail
- The bat was:** a) hungry but happy b) dead
c) sad and angry d) sad and hungry
- He asked for help:** a) a wise owl b) a wise old man
c) an old owl d) a fairy
- She answered:** a) I will hunt for you b) you can’t hunt with me
c) I don’t mind you will hunt at night

Key - BATS

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Complete the text and translate into your language:

Bats use echolocation to find their **prey**

and their **way**.

Bats **release** the sound to find food.

With bionic ears they can hear **ultra sonic** frequencies.

They sleep all day **upside** down in the **cave**.

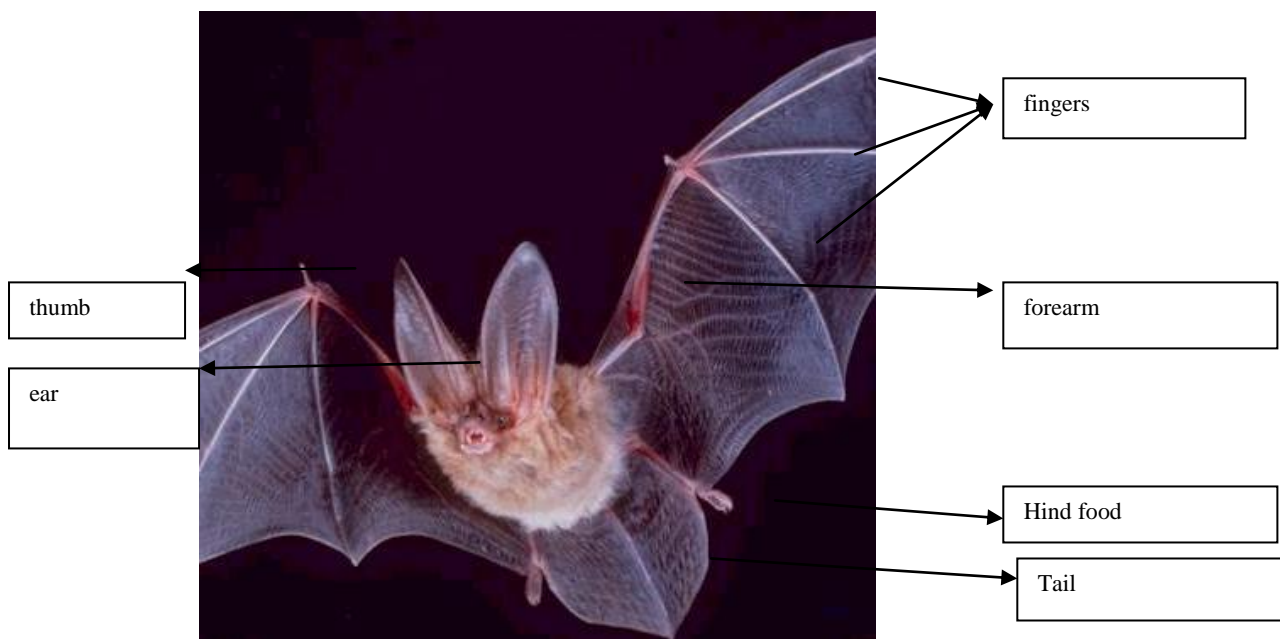
They hunt by **night** and

they eat meals **in-flight**.

A squeal hits **an insect** and bounces **back**.

Sound **reflections** determine their direction.

2. Describe the bat's body: (use the internet – google pictures)



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- The bat was:** a) hungry but happy b) dead
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- He asked for help:** a) **a wise owl** b) a wise old man
c) an old owl d) a fairy
- She answered:** a) I will hunt for you b) you can't hunt with me
c) **I don't mind you will hunt at night**

Bibliografie:

Všechny obrázky:

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<http://commons.wikimedia.org/wiki/File:Square-townsend-fledermaus.jpg>

1) KESTLOVÁ, Miloslava. *Začínám číst anglicky: Why bats fly at night*. 1. vyd. Přerov: nakladatelství Šárka, 1991. ISBN 80-900313-0-7. s. 25.