

Výukový materiál v rámci projektu OPVK 1.5 Peníze středním školám

<b>Číslo projektu:</b>	<b>CZ.1.07/1.5.00/34.0883</b>
<b>Název projektu:</b>	<b>Rozvoj vzdělanosti</b>
<b>Číslo šablony:</b>	<b>II/2</b>
<b>Datum vytvoření:</b>	<b>14. 2. 2013</b>
<b>Autor:</b>	<b>Mgr. Jana Jeřábková</b>
<b>Určeno pro předmět:</b>	<b>Anglický jazyk</b>
<b>Tematická oblast:</b>	<b>Cestování, komunikace a svět kolem nás</b>
<b>Obor vzdělání:</b>	<b>Masér 69-41-M/001 - 4. ročník</b>
<b>Název výukového materiálu:</b>	<b>Environment and Global Issues</b>
<b>Druh výukového materiálu:</b>	<b>Pracovní list s výkladem k tématu Environment and Global Issues, s otevřenými i uzavřenými otázkami a cvičením k procvičení slovní zásoby.</b>
<b>Čas:</b>	<b>40 minut</b>
<b>Využití:</b>	<b>Výklad k tématu Životní prostředí a Celosvětové otázky s otázkami a cvičeními k procvičení základní slovní zásoby k tématům.</b>

## Environment

### How are the people destroying our planet?

People are destroying the planet in different ways which **results in** its **warming** and the **environmental changes** like **melting of the ice-caps** or **rising seawater level**.

### What is the greenhouse effect and global warming?

**Greenhouse effect** is a natural process which **causes** that the atmosphere is warm and people and animals can live on the Earth. The temperature would be around 18 degrees Celsius below zero without this process. People use **greenhouse gases** such as **Freon**, **water vapour** or **carbon dioxide** which go into atmosphere. It results in the **planet warming** and in **changes of the global climate** - for example the **sea level rises** and the number of islands and **coastal areas** and cities like Netherlands, New York or Miami would be **flooded**.

### What can we do for better environment? What alternative means of power do you know?

We should use public transport, walk or ride bicycles more.

We can use solar or wind energy. Drivers can use electricity/electric cars.

We should recycle/sort rubbish and use recycled paper, plant trees and reforest new areas.

### What is recycling?/Do you separate waste?/How green are you?

.....  
.....

### What animals are threatened with extinction and how to protect endangered species?

Among endangered species, there are rhinos, elephants, koala and panda bears... They are killed by **poachers** because of their **skin, fur, tusks**... or their **natural habitat** is destroyed by agriculture or industry.

Endangered animals in the CR .....

Endangered plants in the CR .....

Endangered animals in the world .....

Endangered plants in the world .....

### Which organizations or movements protecting the environment do you know and what are their activities?

There are many organizations, e.g. DUHA, Greenpeace.....

.....

**Name some environmental problems:** volcanoes, hurricanes, tidal waves, floods, drought, thin ozone layer which can lead to skin cancer,.....

**Name some social problems:** unemployment, hunger, poverty, the lack of health care, terrorism, racism, religious and civil wars, civilisation diseases.....

**What is the ozone layer and what is its function? Why is there a hole in the layer?**

The ozone layer is a thin layer in the upper atmosphere which protects the Earth against the sun's **ultraviolet rays**. The ozone layer is destroyed/dissolved by CFCs (chlorofluorocarbon) - the chemicals used in fridge, air-conditioning systems, detergents and aerosol sprays.

**Why is the ozone hole dangerous?**

Ultraviolet radiation is increasing due to the **ozone layer depletion** and it leads to the increasing number of **cancer**.

**Can you protect yourself from the effects of the UV radiation?**

People should use suntan lotion/cream-sunscreen, straw hats or peaked caps. They shouldn't sunbathe a lot.

## **HW - The Environment**

**1. Can you describe the region where you live? (nature, air, environment, mountains...) Are there any environmental problems in your region? What are they? What are they caused by?**

.....  
.....

**2. What can we do to help our environment? (as single individuals and as a society)**

.....  
.....

**3. Why should we care about our environment?**

.....  
.....

**4. Are you aware of any global environmental issues? Which of them do you think are most serious and why?**

.....  
.....

**5. Why is it dangerous to cut down the rainforests?**

.....  
.....

**6. What do you think about nuclear energy?**

.....  
.....

**7. Have you seen any catastrophic movies connected with environmental issues (such as 'The Day After Tomorrow')? What do you think about them?**

.....  
.....

**8. What kinds of products are environmentally friendly and which are not? Why?**

.....  
.....

**Vocabularies:**

**rubbish = garbage = refuse** - odpad/odpadky

**trash** - papírový a suchý odpad)

**waste** - odpad (zejm. průmyslový, zemědělský)

**dustbin = garbage can**

**disposal of household waste** - odvoz domácího odpadu

**dump** - skládka (ilegální) x **landfill** - řízená skládka

**sewage** - odpadní vody, **sewage disposal** - čištění odpadních vod, **sewer** - kanál

**to clean up** - uklízet x **to throw away/to litter** - pohazovat odpadky

**to dispose of sth** - zbavit se něčeho/zlikvidovat

**to reuse**

**litter** - smetí (venku, na ulici)

**litter bin = trash can**

**wastebasket** - odpadkový koš

**dustman = garbage man = refuse collector**

**dust car = garbage truck**

**waste disposal** - likvidace odpadu

**to collect rubbish/garbage/waste separately**

**Complete the sentences with the words in the box:**

<b>foundation</b>	<b>threatened with</b>	<b>recycling</b>	<b>greenhouse effect</b>	<b>protect</b>
<b>detergent</b>	<b>tropical rainforests</b>	<b>have wiped out</b>	<b>endangered species</b>	<b>ivory hunting</b>
<b>poaching</b>	<b>“Climate Change”</b>	<b>one-child policy</b>	<b>environmental organization</b>	<b>garbage</b>

1. Transportation contributes to the .....
2. .... is a natural process - ice caps are melting and coastlines are being flooded.
3. The ..... helps pets in animal shelters.
4. In Africa ..... is a serious problem which is the unlawful taking of wild plants or animals, such as through hunting, harvesting, fishing, or trapping.
5. .... is illegal and leads to the slaughter of elephants.
6. Greenpeace is the world's largest .....

7. .... aids in the fight against global warming.
8. Half the world's plant species lives in .....
9. Some of the world's species are ..... extinction.
10. People are still polluting the planet and ..... hundreds of species.
11. The only way to stop overpopulation in China was to reduce the birth rate. It is called .....
12. If you want to save money and the environment, try using less ..... and cleaning materials.
13. Sorting and recycling of people's ..... can help the planet.
14. The bald eagle is no longer on the list of .....
15. Using public transport instead of driving is a good idea how to ..... environment.