

Nature and Ecology



The Earth Is Our Home



How beautiful is our Planet!



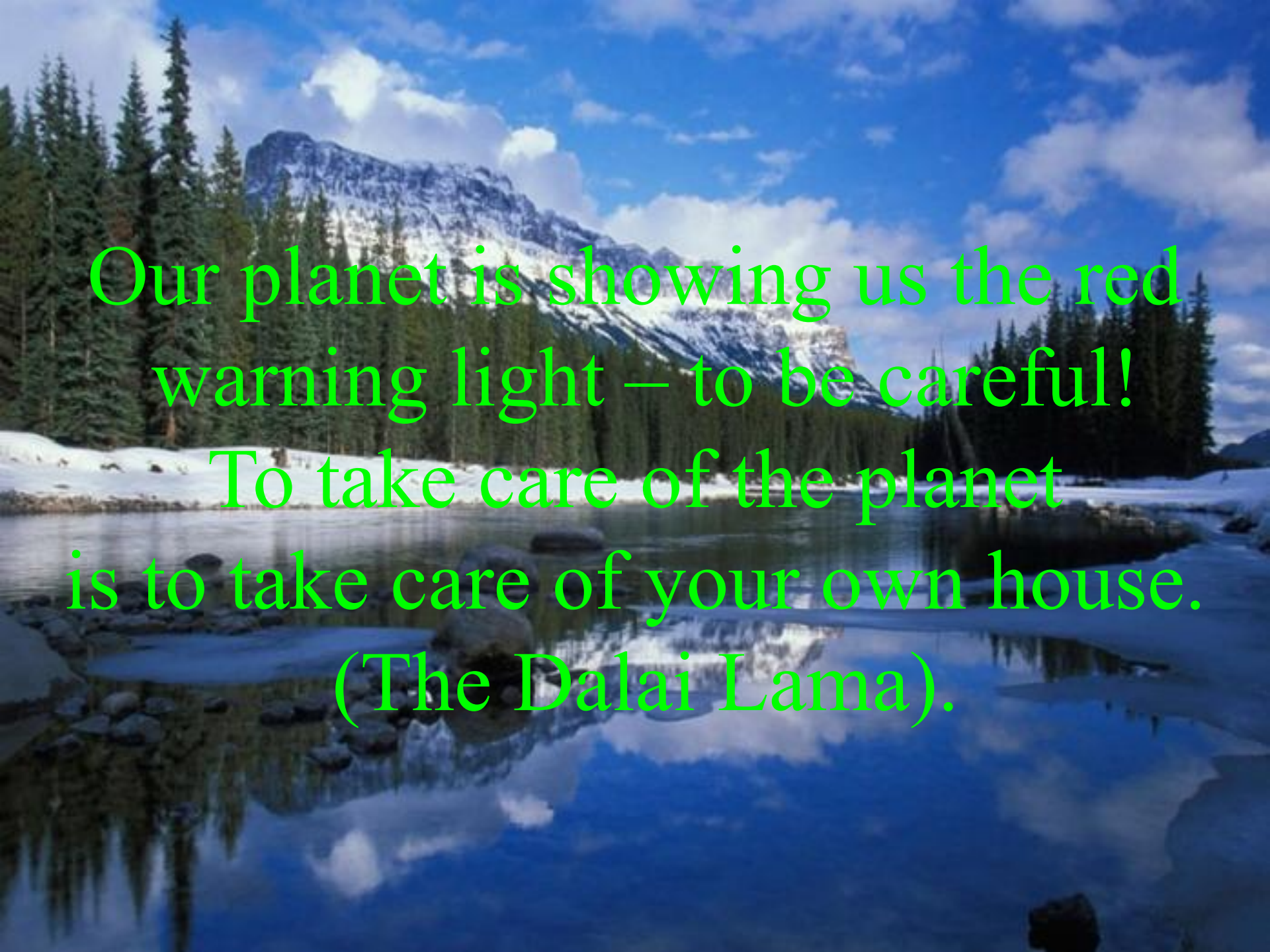
A lush, green forest scene with large, moss-covered tree trunks and a sunlit path. The text is overlaid in a bold, red font.

**What is the life, if full of care,
We've no time to stand and
stare.**

**No time to see when wood we
pass,
Where squirrels hide their nuts
in grass.**

**No time to see in broad daylight
Streams full of stars like skies
at night.**

**A poor life this is, if full of care,
We've no time to stand and
stare.**



Our planet is showing us the red
warning light – to be careful!
To take care of the planet
is to take care of your own house.
(The Dalai Lama).



**The theme of our lesson is
Nature and Ecology.**

Today we'll speak about it.

**We'll go deeper into the
environmental problems. The
weather is changeable
nowadays because of the global
warming which threaten our
planet.**

What do you know about it?

What does “ecology” mean?

- **Ecology** is a science about nature and about relation of man with it.
- Practically, it is a science studying whether we, human being, keep our common house, our planet Earth, in a good state and how we use the gifts it is giving us: water, air, land, plants, animals and minerals.
- Ecology is a science which studies the relationship between all forms of life on our planet with its environment.



What are the names of the environmental problems of today?



- Air pollution, smog, water pollution, destruction of natural resources.

- The ozone layer in the upper atmosphere protects the world from the sun's harmful rays. The chemical used widely in aerosol cans, refrigerators, and other products are destroying this precious layer.



- The electric power station burn coal to produce the energy that keeps our light on. That burning coal gives off gas that came the greenhouse effect (парниковый эффект) and acid rains (кислотные дожди).



The Earth is our environment.

If we are not worried about the Earth, some ecological problems appear:

- Air and water are polluted
- Forests are cut down
- Animals are damaged
- Wildlife is disturbed
- Litter is put into water
- Health is spoiled



Land, air, water are important for flowers, trees, animals, birds, fish and people.



But what's happening now?

Land

- **The forests are cut down**
- **When the forests disappear many animals are disturbed**
- **Most of the countryside is spoiled**

Water

- **A lot of rivers and lakes are polluted**
- **Sea animals are hurt**

Air

- **Air pollution is not reduced**
- **Global warming is caused by the greenhouse effect**

WHAT ARE THE RESULTS OF OUR INFLUENCE ON THE ENVIRONMENT?

We pollute the air. – We change the climate.

We leave a fire. – We destroyed the forest.

We throw away plastic bottles. – We damage nature.

We leave litter in the forests. – We hurt animals.

We break trees. – We disturb birds.

We don't recycle paper. – We cut down trees to make new paper.

We throw litter in the rivers and seas. – We cause water pollution.

We leave glass bottles in the forest. – We hurt animals and people.



22 April - Earth Day



Do you know this holiday?

There are over 300 nature centers in British cities.

There are a lot of environment
groups: Friends of the Earth, Greenpeace and others.

What are these groups' concerns?

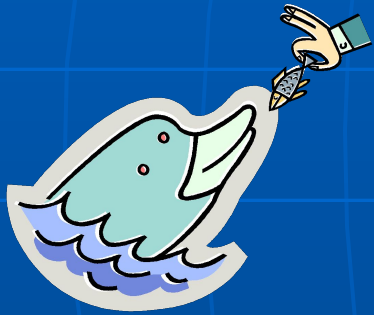


Greenpeace



- It is an international environmental organization, started in the 1960s in Canada. It has a policy of non – violent direct actions. Greenpeace message is

“When the last tree is cut down and the last fish killed, the last river poisoned, then you will see that you can’t eat money.”



Friends of the Earth (the FOE)

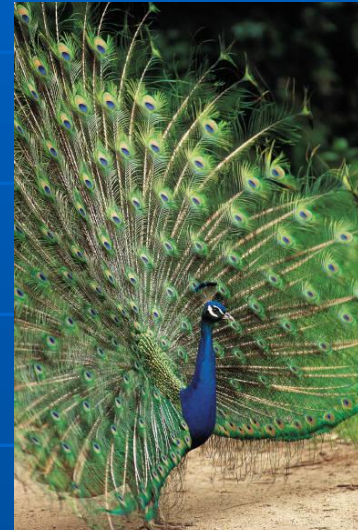
- It is an environmental pressure group. This organization was founded in the UK in 1971. The aim of the group is to protect the environment. The main concerns are air, sea, river and land pollution; recycling, etc. "Friends of the Earth" has branches in 30 countries.



The Royal Society for the Protection of Birds



■ The RSTB (The Royal Society for the Protection of Birds) is a voluntary organization in Britain. It was founded in 1889 with the aim of protecting wild birds. The society has over 200,000 members.



The Royal Society for the Prevention of Cruelty to Animals

The RSPCA (The Royal Society for the Prevention of Cruelty to Animals) is an organization (a charity) in Britain . The members of this organization protect animals.

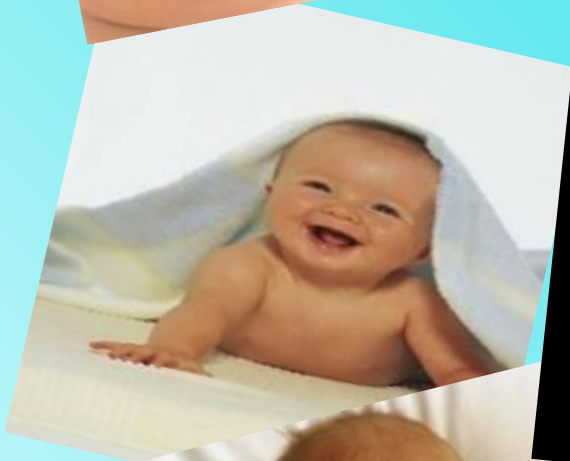




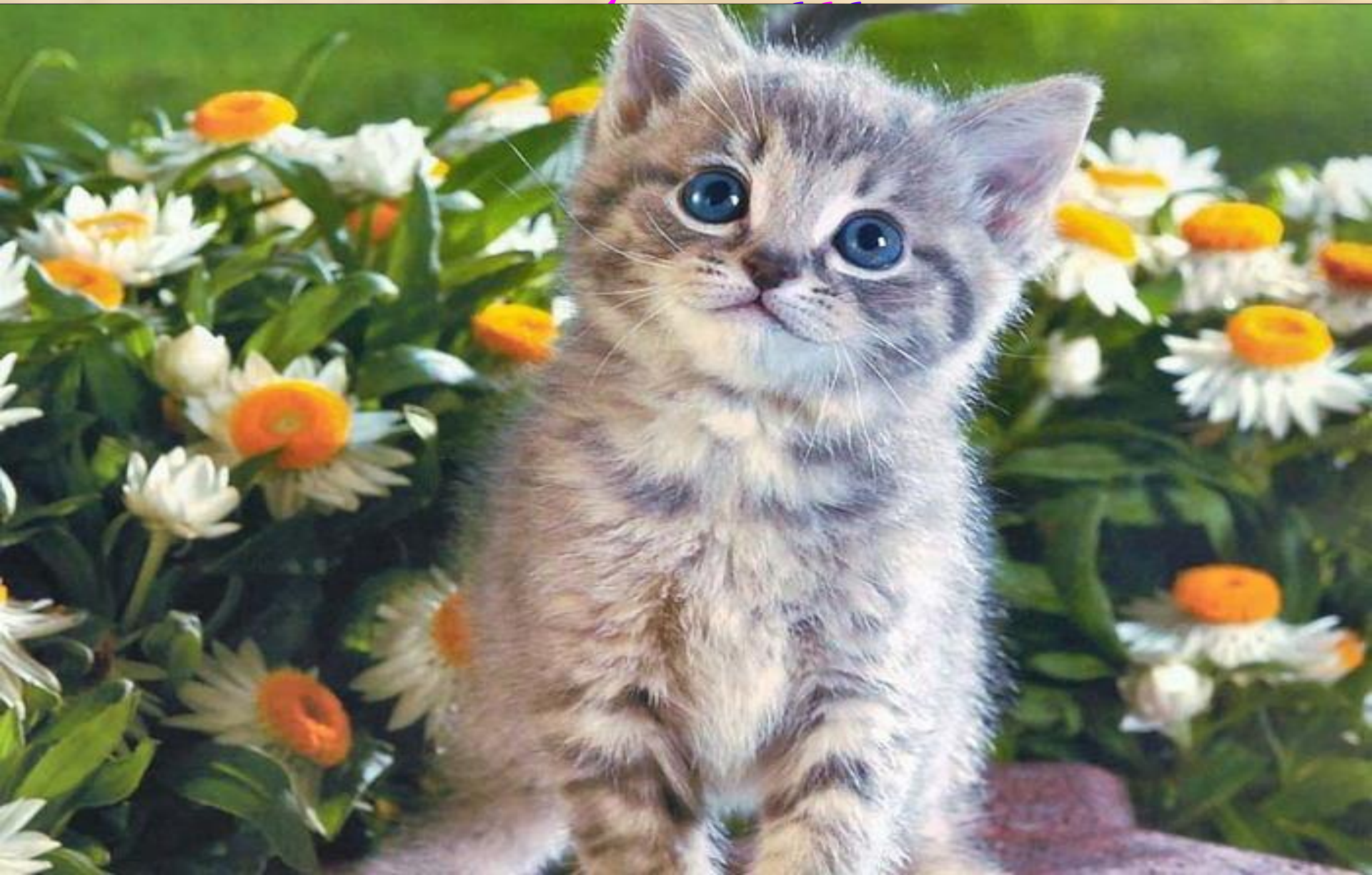
Read the text and then answer the following questions:

- What is this article about?
- Where does acid rain come from?
- What damage does acid rain cause?
- What does the government do about acid rain?
- What must we do to protect our planet?

Let's save our future generation!!!



Look how beautiful can be our



The Earth is our home

**Each of us must do everything possible to keep
the land, air and water clean.**

**The Code of Ecological Rules for all pupils of our
school.**

- **Don't break trees.**
- **Don't leave litter.**
- **Keep dogs under control.**
- **Put litter away.**
- **Keep your place tidy.**
- **Grow trees and flowers.**
- **Don't cut wild flowers.**
- **Don't burn fires.**



Save our planet!

Your home task is to write a report
“How we can to keep the Earth clean”

