

# Vocabulary

- contamination – загрязнение
- inorganic - неорганический
- fertilizers – удобрения
- nitrogen - нитраты
- phosphorus – фосфаты
- penetrate - проникать
- aplenty – изобилующий
- to pose – представлять
- migraine – мигрень
- nausea – тошнота
- fatigue – усталось
- susceptible – подверженный
- pollutants – загрязняющие вещества
- inhaling – вдыхание
- threat – угроза
- irrigation - орошение
- detrimental - вредный
- nutrients – питательные вещества
- pesticides – пестициды
- flee away – бежать прочь
- forestation – защита леса

# Soil Pollution



Presentation

# What is it?

- Soil pollution is caused by the presence of human-made chemicals in the natural soil environment.



- Dumps, created by the people, – one of the reasons of soil pollution

# Reasons for soil pollution in Great Britain

Main reasons come from



Industries

- Discharges from factories usually consist of a series of inorganic wastes, which they usually throw to soil
- Industrialisation contributed increasing the number of factories have increased, and to the wastes from them increased too.



Human activity

- Farmers in Great Britain every year apply to the soil more the 2 million tones of fertilizers, and big part of them gets into soil.



# Soil pollution in Russia

- Contamination of soil occurs in almost all kinds of human activities.
- A considerable contribution to soil pollution is made by technological wastes
- Dumps in forests – is a common feature for Russia





# How does it affect humans?

- There are many diseases those are contracted by the people living near polluted lands



- The contact with the polluted soil can be either direct or indirect
- Soil pollution for kids always involves higher risks than for adults

# How does it affect wildlife?

- The wastes from industries are proving greater threat to the land and water.
- Pollution is one of the reasons of the decreasing of soil's fertility
- The pesticides and fertilizers cause much harm to the birds and animals



# The solutions to the problem



- Checking the state of the soil regularly
- Reducing the releases of factories
- Using environmental friendly materials in industry
- Cleaning up the polluted soil
- Controlling people actions and forbidding them to pollute soil
- **Observing the waste hierarchy**



# Observing the waste hierarchy

- The waste hierarchy refers to the three Rs:



- Reduce - to buy less and use less
- Reuse - using some elements again
- Recycle - converting old products into new



**Controlling soil state is one of the most important steps to start living in the clean, healthy and beautiful world**