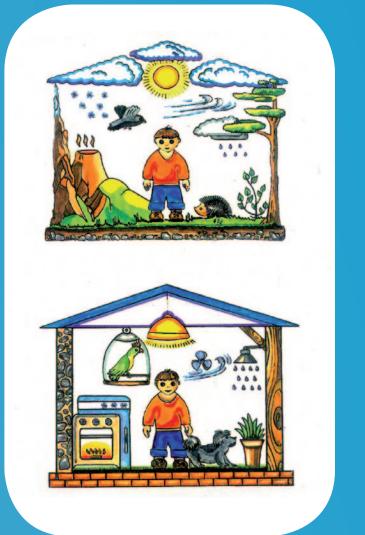
The Project



SUSIAINABLE KINDERGARTEN

for Children and Adults

The project helps children and adults to apprehend the principles of sustainable development through everyday experience in a kindergarten and study of their usual surroundings — the kindergarten building, territory and residential area.

Children make experiments, drawings, models, take part in thematic ecological events and celebrations, help create an ecological trail at the territory of their kindergarten, take care of plants and animals, help to spare resources and communicate with local community. At the same time children not only study environment of their kindergarten, but also improve it.

by Natalia Ryzhova and Igor Ryzhov

The project is a part of the author's education program for children from 2 to 8 years old "Nature Is Our Home", widely spread in Russia.

THE MAIN AIM is to show children and grown-ups the significance of sustainable development and to teach them how to practice its principles in their usual everyday life.



Educators, children and parents fill out a special form "THE ECOLOGICAL PASSPORT OF THE KINDERGARTEN", made as a book with several chapters, useful both for grown-ups and children. Each chapter describes some field of work.

ENVIRONMENTAL CONDITIONS:

- indicators of adjacent urban area
- Information about urban surroundings

OUTDOOR AREA INDICATORS:

- general info
- soil, plants, animals
- areal zones
- local pollution

ENVIRONMENTAL IMPACT:

- usage of resources
- waste
- **TECHNOLOGY** AND STAFF: metodology and
- professional training
- learning materials innovations

TEACHING

curriculum



CONCLUSIONS



Educators offered children to study types of waste that accumulates in classes and to think of ways of its disposal. Special tanks for separate waste collection were set up, paper was made of recycled waste.



Map of the kindergarten



territory



Children burry different types of waste outdoors and watch what happens to it during the year.

INDOOR

INDICATORS:

general info

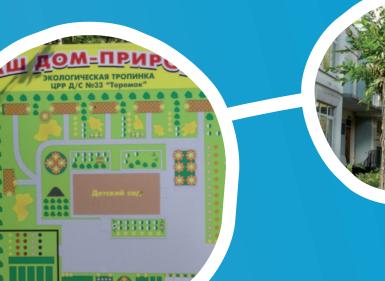
construcion

indoor zones

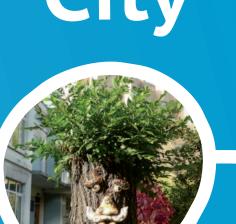
buildings info

materials indoors





Neighborhood

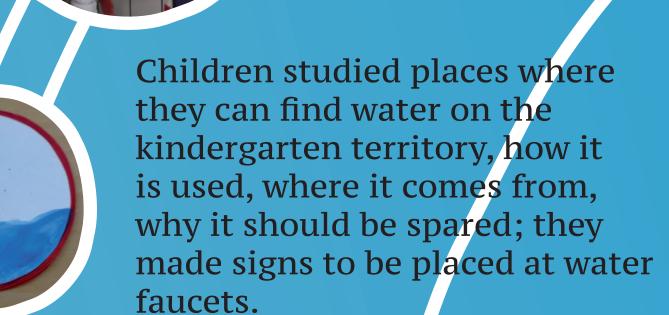


Waste and plasticine are used for an acting model of global warming.



Many pre-school institutions implimented the project "Ecological Passport of the Kindergarten" as part of the OMEP ESD Project.









Children study sources of light and heat in a kindergarten, how it can be spared, what energy-saving lamps are for.



kindergarten territor



use waste for a 3D model of their kindergarten with removable parts (building, trees, bushes, paths).









Children and educators

Children and parents participate in arrangement of little winter gardens, natura mini-museums. collections of natural objects.



THE MAIN RESULT: the participants have started to perceive the principles of sustainable development as something personal; they have understood that it is a matter of concern not only for scientists and governments, but that they, too, can and should take an active part in the process in their own city, town or village.