



Kindergarten: Mrvica, group: Mala sirena

**CLEAN ENVIRONMENT - CLEAN WATER
AND HEALTHY FOOD - HAPPY LIFE**

Much of the knowledge children absorb is best acquired by exploration in the real world where they may freely, actively, construct their vision of reality, rather than be passively instructed about it.

Edward A. Chittenden



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- ✗ We chose project named **CLEAN ENVIRONMENT- CLEAN WATER- HEALTY FOOD-HAPPY LIFE.**
 - ✗ Children watched a film about the importance of water, healty food for health of people. Children was very interesting in this theme.

PROJECT





Talking about green woods, blue seas, oceans, why do we need cleanwater and healthy food, where is rivers, lakes, who lives in it etc. Children exchange their experiences.

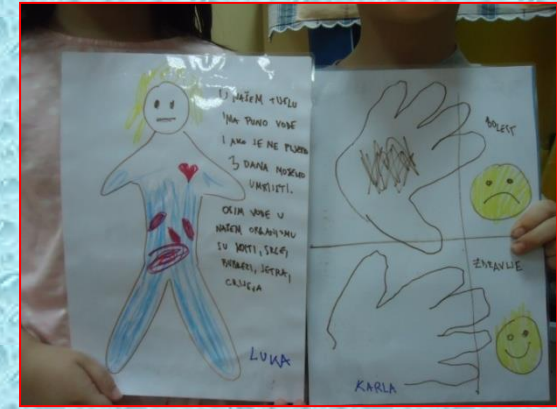
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- ✖ **Children realized the importance of water and healthy food and clean environment for living beings. They realized that we need water for many things (food, hygiene, washing, watering, firefighting...), they realized that plants and animals need water also. They find out that water and food have power in many ways (life on Earth, health, relaxation, move water mills).... We discussed about water pollution and life importance of clean water, healthy food and clean environment.**

WE NEED WATER FOR...



**Clean teeth, clean hands, for
plants, for bath and many many
more**

WE AT THE MEDICAL CENTRE



The doctor said we need water to stay healthy, every organ in body need clean water and healthy food

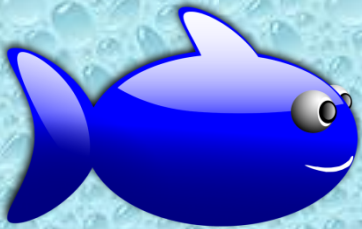
DIRTY HANDS AND BAD FOOD - HEALTH HAZARD (HEALTY AND ILL BOY)



Healty boy drinks clean water, eats healty food
and breathes clean air

EXCURSION TO NATURE WITH CHILDREN AND PARENTS (PERCEPTION OF NATURAL WEALTH AND IMPORTANCE OF PRESERVING THE CLEANLINESS OF THE ENVIRONMENT)





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- ✖ Children were introduced to rivers, lakes and marshes in their neighborhood. Children learned teamwork, how to, by themselves, find a solution, help each other, ask for help and critical thinking. They increased their level of knowledge, experienced new things, learned to make things they did not know before, enriched their vocabulary... learned differences between plants and animals near rivers and lakes and those near marshland.

ALL ECOSYSTEMS ARE INTERCONNECTED AND DEPENDENT ON EACH OTHER.

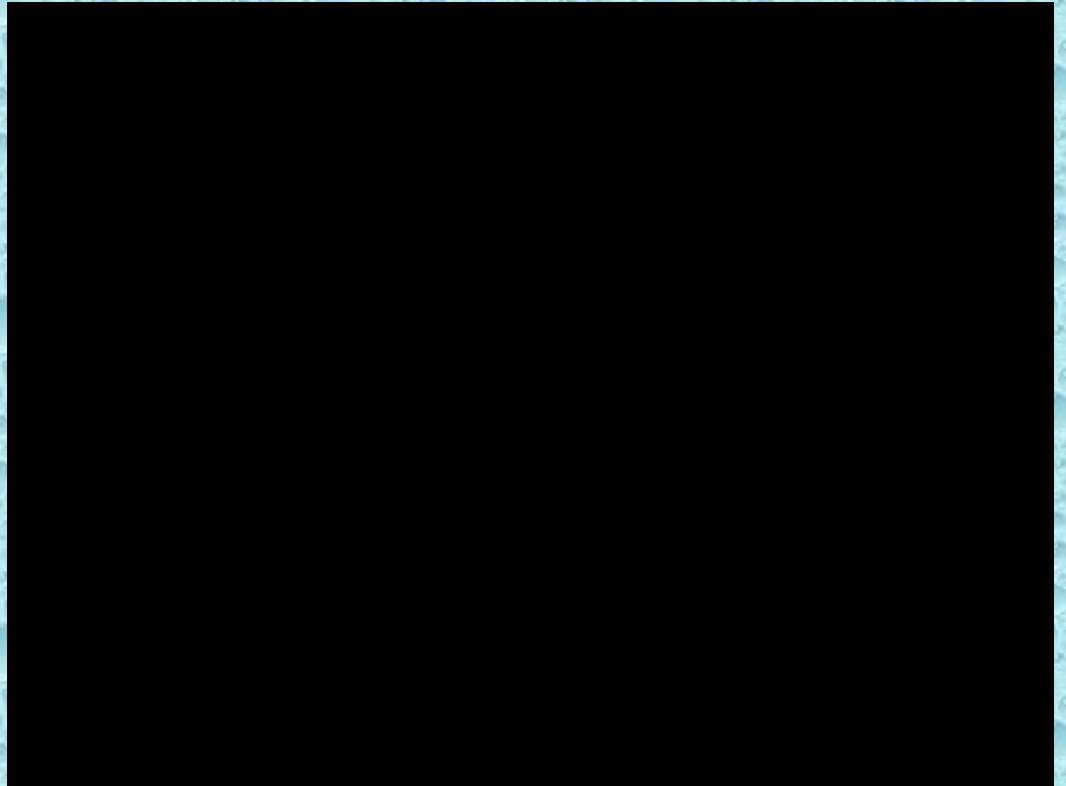
- ✖ They also have seen that those plants are shelter for many animals, their home, and how without plants there wouldn't be any animals too. Whole food chain would be disturbed. They concluded that on Earth there are many waterways: river, sea, lakes and they are all connected, also that lives of flora and fauna and people around those ways depends on water. Planet is full of different systems with different living beings which depend of each other and they are all depending of water



They realized that all waters are connected. Also they realized that rivers are fast, and that garbage thrown in the river flows from one place to another, from spring all the way to the sea and concluded how important is to keep rivers and river banks clean and rubbish in dustbins.

They remembered the experiment which shown how rain and water ways transport garbage from one place to another. They noticed fields surrounded with water canals, realized that those canals are bringing water and keep plants alive. They remembered the experiment from kindergarten when leaf is getting a red liquid and how plants are drawing liquid, as well as they remembered a leaf which died in the empty glass.

**WE VISITED WATER MILLS AND SAW HOW WATER MOVE BOULDER.
CHILDREN EXPLORED ACTIVITIES IN WHICH THEY UNDERSTOOD CHANGE OF
WATER IN THE NATURE, DIFFERENT FORMS OF WATER AND ITS EFFECTS ON
THE NATURE AROUND.**



WORKSHOP WITH CHILDREN AND PARENTS

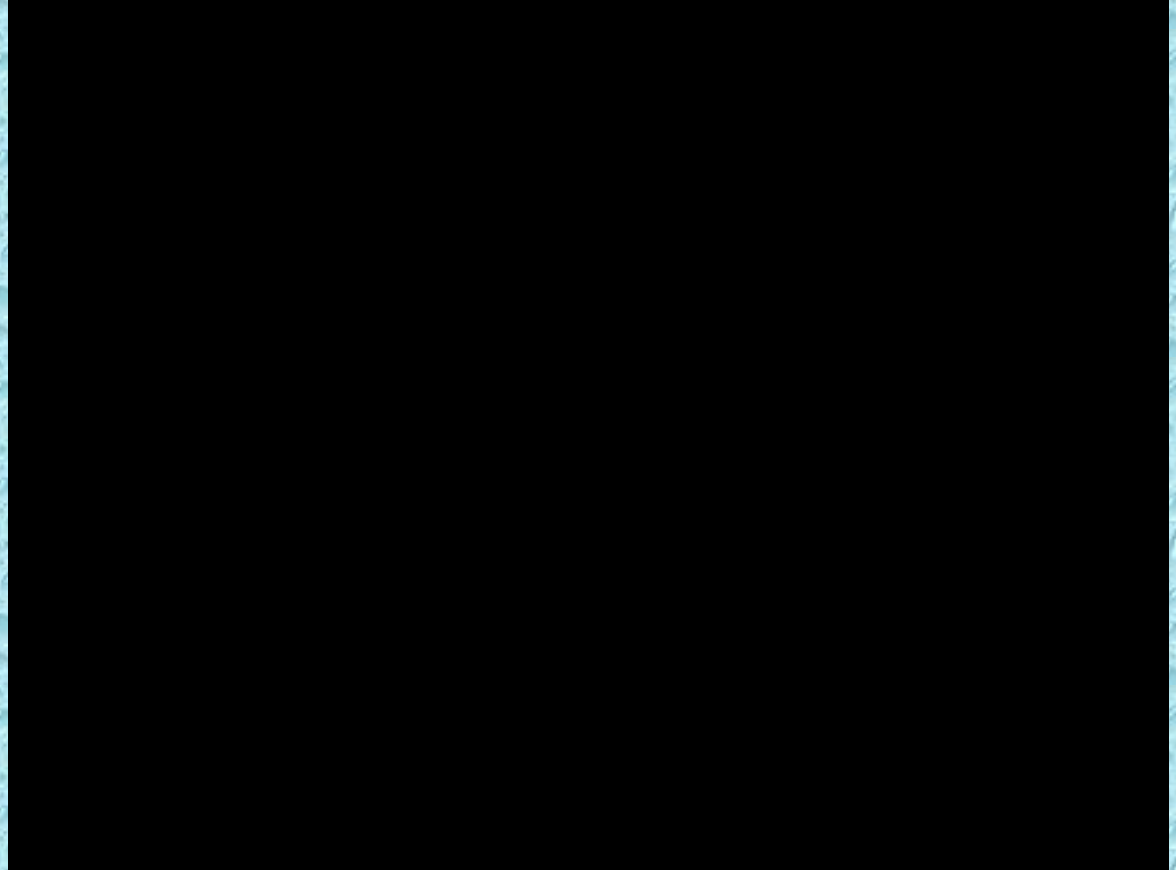
THEME: POLLUTION



IN WHICH WAY THE WATER COMES INTO OUR HOMES



Children realized that humans brought water from the nature to their homes through pipelines.



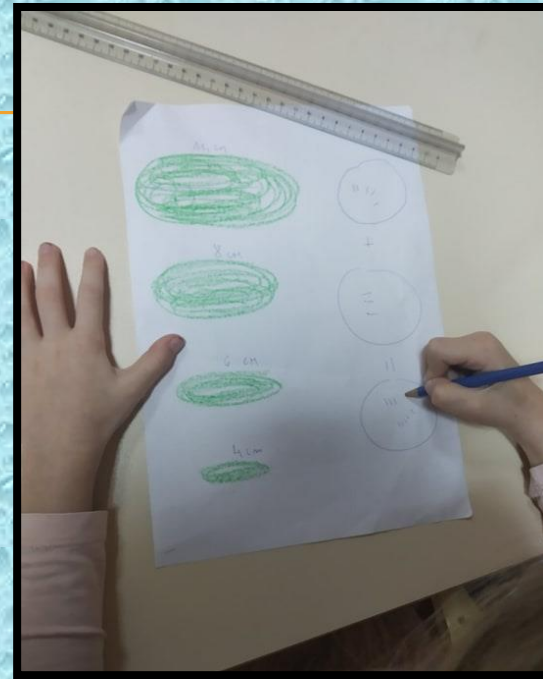
PAPIER MACHE BALON – OUR HILL



OUR PARENTS HELPED US TO PLANT THE TREE



MATH ACTIVITIES







	MALA ŽABA	VELIKA ŽABA	SREDNJA ŽABA	OBUJAM
1 KOČKA	1	2 KOČKE	5 KOČKI	
ŽABA				
RIBA	MALA POLA 1/2 OLOVKE	SREDNJA 1 OLOVKA	VELIKA 4 OLOVKE	DUGA
	MALA 3	SREDNJA 5	VELIKA 6	DUGA
ZMJA	MALA 1	SREDNJA 3	VELIKA 6	VISOKA

↑
non-standard
measures



all conclusions
we put on paper

Children made measurements of water volume. We used bottles, canister, cups, and teaspoons. Made a classification big, bigger, the biggest, tall, taller, the tallest and etc. We made a measurement of rainwater, during this time. We measured and wrote down a temperature of water in all forms (ice, warm and cold water...). We used standard units: ruler, thermometer... Non standard: cubes, toothpicks, pencils, blocks etc., and words for temperature like (brrr is it cold like ice or it is hot like sunny day, ...)

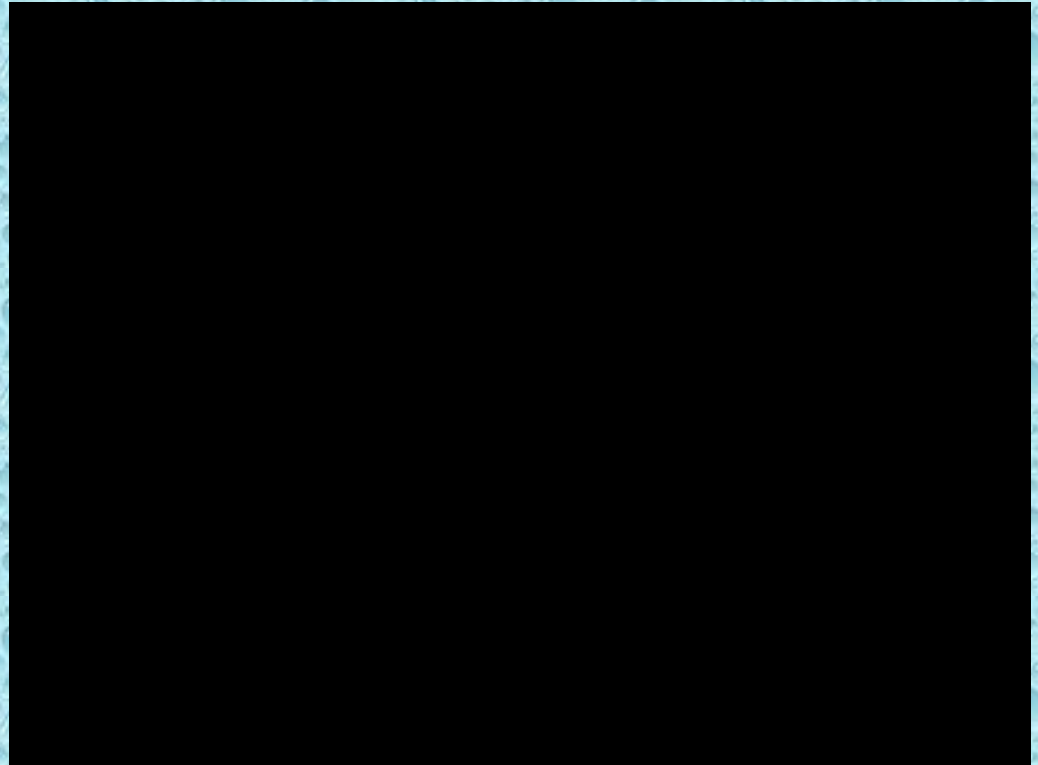
DRAMATIZATION: A CHEERFUL AND SAD PLANET EARTH



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- ✖ We made a filter for water purification and realized that once polluted water can no longer go back to the condition it was before, that why is important to keep all waterways clean. Through different activities, we explored how water travels, how important clean water is, in which way the water comes into our homes, what filters are, and how they make water clean. We have investigated to find out how plants work like natural filter.

Through songs, plays, math activities and acting children are developing a sense of the importance of water, water world and noticed different between individual animals and plants.

**WE MADE A FILTER FOR WATER PURIFICATION AND
REALIZED THAT ONCE POLLUTED WATER CAN NO
LONGER GO BACK TO THE CONDITION IT WAS BEFORE,**

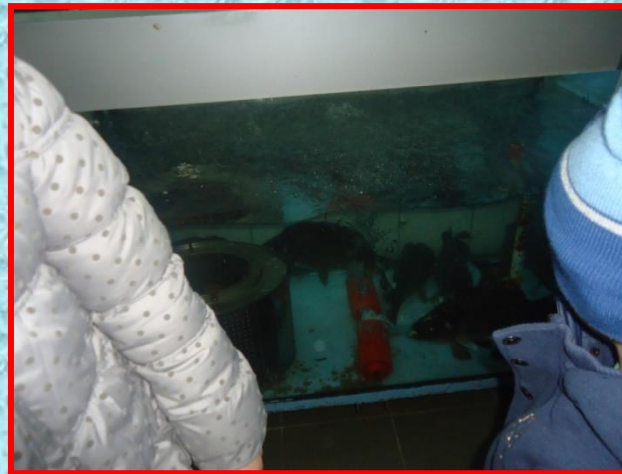


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- ✖ After we visited a fish farm children learnt to classify kinds of fish, understood the importance of clean water for life of plants and animals. They talked with their parents about fish and plants. We watched a film about living in marshland. On the Internet, encyclopedias and books we watched pictures of animals (frogs, eels, tadpoles, insects, birds) and plants (water lilies, reed, willow).
 - ✖ Children made drawings of it and made classification of the plants and animals). They named all water pollutant performing scientific experiments using clean and unclean water...We motivated children to help each other and exchange experiences.



Plants are important for water purification. Plants keep impurities from water, that is how people get clean water. Plants are nature's water filter.

WE WERE ON THE FISH MARKET, WE LEARNED THAT FISH NEED CLEAN WATER TO SURVIVE, AND CHILDREN HAVE TO EAT FISH TO STAY HEALTY



HEALTHY FOOD (HOW OUR ANCESTORS MADE FOOD (THANKSGIVING FOR THE FRUITAGE OF THE EARTH) PROCESSING FOOD TECHNOLOGY



FARM ANIMALS AND HOMEMADE FOOD







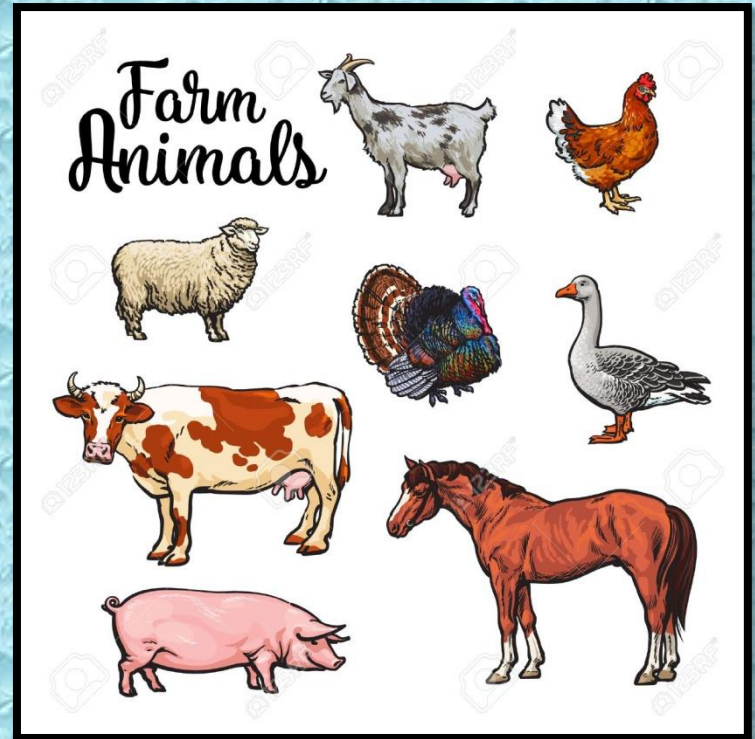
**Goat milk, cow`s milk, donkey
milk**



HOMEMADE CHEESE AND HAME



HOW WE GET MILK



WE COOKED OUR BREAD





WE TAKE VITAMINS



FACULTY OF AGRONOMY IN OUR KINDERGARDNER



Professors and students have explained to us how to make home made food and they explained too how is important it is for human health.

OUR VERTICAL GARDNER



WORKSHEETS (THE IMPORTANCE OF ENVIROMENT)



OUR INVENTION FOR A BETTER WORLD



CLEAN ENVIRONMENT-A HAPPIER LIFE



WATER TRAVEL

