

SAFETY MAP, NDYS 2010 BURSA TURKIYE

Tuncsiper High School, Bursa; Turkiye

www.tuncsiper.com



School Introduction: **Humanity comes first at TUNÇSİPER...** Tuncsiper Schools has been founded in 1993 by Mr. Nezir Tunçsiper, who maintains a successful vision, both nationally and internationally, for the education of young Turkish generation. Our management team creates a great synergy for new achievements.

An Unprecedented Architecture for 600 students from Kindergarden to High School.

School is located on a closed area of 15.000 m² surrounded with pine forest at Nilüfer Gümüştepe part of Bursa, which is away from the crowd and traffic stress of the city center. With the special architecture of the school campus, it is easy to feel the value given to our students. Tuncsiper School presents the excellent quality of education thanks to the modern classes, labs, closed & open sport facilities, conference lounge, a very hygienic refectory and a specially decorated canteen. All classes are equipped with technology-supported devices used for interactive education.

School is everything... Educational Institutes always need to update both their facilities and their teaching models. In 2007, we have started to apply a new method that will determine what kind of educational model should be followed to let our students reach their career objectives as well as plan their in & out of school activities. Led by innovative teachers, Tuncsiper Schools provides opportunities for students to engage in developing their IT skills.

Traditional Values & Valuable Diploma The school concept perceived by Tuncsiper Schools is that "school isn't only a foundation of teaching and learning but also it offers a global perspective to students in order to help them shape their view of life". This is applicable only when the school manages to convert certain values like amity, respect, responsibility etc. into behavior. Peace is the key for happiness and success and you feel the real peace at Schools at once your first step into our facilities. So, Tuncsiper Schools believe that diploma doesn't certificate only the academic success but also the social achievements of our students!



WE REALIZED THE ACTION PLAN OF GLOBAL DISASTER SAFETY MAP PROGRAM

Safety Map Introduction - 1

In Turkiye the main disaster is Earthquake. There are Earthquake lines through regions. In the last 100 years many people died. The last heaviest one was in 1999. In our town we lived this disaster unluckily. We comprehended that there is nothing to do except being got ready for the earthquake.

We followed **GDSM** instructions step by step.

STEP 1: WE SET THE KIND OF DISASTER: EARTHQUAKE

STEP 2: WE SEARCHED PAST DISASTERS

STEP 3: WE MADE DISASTER SAFETY MAP WITH CHECKING AND COLOURING ON THE MAP OF OUR NEIGHBOURHOOD AND ACTION PLAN.

- STEP 1: NATURAL ENVIRONMENT
- STEP 2: ROADS, RIVERS AND PARKS
- STEP 3: FIRST AID AND DISASTER RELIEF ORGANIZATIONS, STORES, DANGEROUS CITY FURNITURES, HUMAN RESOURCE AND THE HOUSES OF PEOPLE WHO ARE IN NEED OF HELP
- STEP 4: WE TRIED TO ANTICIPATE DAMAGES OF BUILDINGS, HOUSES, AND LIFELINE
- STEP 5: WE DID ACTION PLAN AND EARTHQUAKE DRILL
- STEP 6: WE DEFINED THE PROBLEMS DURING, SOON AND AFTER DISASTERS
- STEP 7: HOW TO OBTAIN LIVELIHOOD AFTER DISASTERS
- STEP 8: WE THOUGHT THE WAY OF MITIGATION AND PREPAREDNESS

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Team Introduction(Team 1)



Share The Process of NDYS 2009

In our team, we are composed of nine, ten and eleven grades students.

1. Learned the old experience of NDYS teams.
2. Made a brain storm to define the subject.
3. Defined the works what will be done.
4. Informed the students about the activities of GDSM.
5. Prepared and distributed a magnet with the way of mitigation and preparedness
6. Did learning map of global warming in groups.
7. Composed a song by using learning map.
8. Prepared a presentation to perform at NDYS.
9. Recorded a video film of the activity.
10. Showed the film at city center shopping mall and delivered information magnets about earthquake.

Present Topic Outline

Nowadays, the global warming is increasing day by day. We searched and defined what is happening in our country. We prepared a learning map and composed a song called "WORLD IS SPINNING WHATEVER YOU SAY" to make aware everyone against global warming **hand by hand**.



TeamIntroduction(Team2)



Share The Process of NDYS 2009

In our team, we are composed of nine, ten and eleven grades students.

1. Considered the harmful environmental effects of natural gas and coal in generating energy on global warming.
2. We firstly completed technical drawings of our project, which aims the use of freely flowing water for electricity generation.
3. Then, we visited Misi village, the pilot area, to find a good place for installation of our system and a tea garden near the river in Misi village was chosen as a target point.
4. Items of the systems were carefully designed in cooperation with the municipality.
5. We cleaned the water flowing channel and poured concrete on the area to have smoothness for the installation of the wheel.
6. We worked with a small atelier for the construction of wheel (3m diameter) and financed this stage by organizing five bake sales in our Schools.
7. We agreed with Gumustepe Primary Schools and Local Agenda 21 on maintenance and protection of the system.
8. All members of our club worked actively both in pouring concrete and constructing the wheel. In cooperation with the municipality, NGO's, institutions, village people and our twin Schools.
9. We managed to generate 1.6 kilowatt/hr energy with zero environmental harm and low investment cost. The tea garden was lightened by this system. The best acquisition for us is that our students have become more sensible for environmental problems and more eager to take active role for solutions.

Our project was broadcasted on the local TV channels called As TV and Olay TV, which was a big step to raise public awareness on generating electricity via freely flowing waters, which is our basic project objective. Please, click on the link for more information: <http://www.tuncsiper.com/volvo/default.html>

Present Topic Outline

Aims of the project in the short run: To generate electricity enough to power at least 70 units of electricity bulbs for lightening a tea garden in Misi village, the pilot area of the project.

Aims of the project in the long run: To provide the use of environment-friendly alternative electricity generation sources by the owners of small facilities. By designing our project with lighter and thinner materials to decrease the cost and make the system look smarter we can manage to make the design accepted as a "City Accessory" or "City Furniture" This design can be used worldwide soon.

Social aim of the project: To increase the awareness of youths on environmental problems so that finding effective solutions against these problems can easily become their philosophy of life.