

# SAFETY MAP, NDYS 2010 BURSA TURKIYE

School: **Rah-e-Roshd Educational Complex**, Town: **Tehran** Country: **Iran** www.rah-e-roshd.com

## School Introduction:



Rah e Roshd pre-elementary center has begun its work in 1985. The cooperation and the ability of the group work in this center which was completely successful, encouraged the group to follow the work in elementary level as a cooperative company. The educational and training policies are decided by a group of experiences specialists, who are mostly the members of some reputable universities faculties. The training and educational staff includes the experienced experts whose main aim is to bring up a knowledgeable, powerful and responsible generation with their own love for education. Rah-e-Roshd emphasizes on some points which are:

- **Create a learning situation** in which students face questions.
- **Using identical education** and active way of teaching and gaining physical skills for instructing and incarnating subjective context.
- **Second language learning:** For using useful sources and computer to be connected to global culture.
- **Creating an intimate and active relation to the nature** and motivation to the environmental conservation.
- **Group works by students:** high quality, efficient and effective works in which the directing, programming and organizing is done properly and exactly by the students themselves.

## Photo of Safety Map

We decided to make a model of the school.



## Safety Map Introduction

In Iran, the main disaster is earthquakes. There are many earthquake lines running through different regions of the country. In the last decade, there have been many destructive earthquakes. In 2003 an earthquake destroyed the town of Bam. Many lives were lost.

These are the steps we followed:

**STEP 1:** We chose our preferred disaster: EARTHQUAKE.

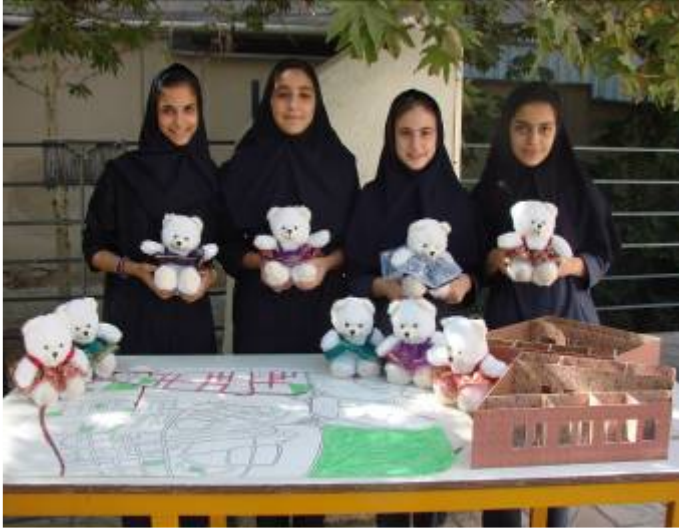
**STEP 2:** We created a list of the disasters that had occurred in the past.

**STEP 3:** We made a disaster safety map with the given colors.

- We drew a map of the school neighborhood.
- We distinguished the road and streets.
- We found the hospitals, fire department and police station near our school.
- We did an earthquake drill.
- We learnt how to protect ourselves during disasters and afterwards and taught it to the students.
- We taught the students and their families how to prepare for disasters.
- We did research on the safe and unsafe zones during earthquakes and showed them on our safety map and module.

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### Team Introduction(Team 1)



From left to right: Tara, Nava (9th grade).  
Hoda, Aida (7th grade) And Teddy Banoo!!



From up to down: Nava, Tara, Hoda, Aida  
Teachers:Elham Heidari Beni-Lida Salahi Niri

### Share The Process of NDYS 2010

In our team we are composed of seven and nine grade students.

1. got familiar with the process of NDYS
2. informed the students about the activities of NDYS
3. prepared a safety kit
4. made a model of our school to show the safe and unsafe zones
5. we designed a questionnaire about mitigation awareness for students and their parents to answer
6. Created a weblog of our NDYS activities.  
[www.raheroshnddys.blogfa.com](http://www.raheroshnddys.blogfa.com)
7. Created safety pamphlets and brochures and distributed them.
8. Shared all of our progress and goals with our fellow school mates and their families in the yearly school fair.



### Present Topic Outline

Our preferred topic is "Water Pollution".

**Aims of the project:** We wanted to measure the pollution of Tehran's main water sources.

**What we did:** We sampled the 6 factors of 1.saturation 2.pH 3.Disolved Oxygen 4.Air Temperature 5.Water temperature 6.Turbidity in 3 different locations: 1.Darband Creek 2.Karaj Dam 3.Darake River.

**What we found:** There was no extra pollution in Darband or Darake rivers because are recreational areas located near the city layout so the locals can use it for daily use. Karaj dam is a restricted area so there is no serious pollution in this water but the lower parts of the damn are slightly polluted because of mountain rivers and the pollutions they carry.