

Second project meeting

**The Project Method as a creative
model in VET**

05-06 March 2012

**Good Practices, presented by
Bimec**



The Training Firm

EDUCATION INSTITUTION: National High School in Finance and Business (NHSFB) in Sofia

SUBJECT: Economics and Business;
Entrepreneurship

SOURCES: <http://www.nfsg.online.bg/en/index.htm>

“The School - desired territory by the student” Good practices compendium Ministry of Education and Science of Bulgaria

The Training Firm

The training firm is an innovative, practically-orientated teaching method - a model of a company in which the processes of a real business are made transparent for the learning process.

The main **purpose** of education by training firms is in the end of their training the students to have professional and key competences for a successful career. To be able to apply in practice, what they have learned during the years of studying their profession.

The Training Firm

Working on the project of a Training Firm comprises:

- Creation of a company and registration;
- Establishment of organizational structure;
- Formulation of personal and professional goals of collaborators;
- Formulating the objectives of TF;
- Simulation of the actual work in the departments of a real company;
- Relationships with simulated by the Centre of Training Firms in Bulgaria government institutions departments;

The Training Firm

- Transactions on the national and international market for TF;
- Consultations and meetings with experts from practice, job rotation;
- Preparation and participation in fairs and presenting TF activity of company;
- Presentation of TF to the public in the internet;
- Completion of work and transfer of TF to the next team: reporting and presentation of the final financial result

The Training Firm



The Space Colony

EDUCATION INSTITUTION: Nicolaus Copernicus Astronomical Observatory and Planetarium, Varna;
Mathematic High School Dr. Petar Beron – Varna
5th High School Varna and Professional School of Engineering and Architecture Vassil Levski - Varna

SUBJECT: Interdisciplinary: Astronomy, Physics, Chemistry, Biology, Engineering; Architecture, Social sciences

SOURCES: Bulgarian Astronomical Journal 12, 2009

The Space Colony

- The project develops a concept to build a space colony for 10,000 people who will live and work there.
- Students have created an interesting design and construction of the colony and offer interesting energy solutions.
- All the conditions, requirements and suggestions for survival, nutrition and community development in the colonies have been thoroughly described.
- The constitution of the colony is based on the constitutions of Bulgaria, France and USA.

The Space Colony

Goals:

- To research and acquire complex interdisciplinary knowledge in natural sciences in a short period.
- To apply their knowledge in natural sciences in a creative and innovative way.



The Space Colony

The Bulgarian project "Space Colony Tangra" ranked second in 2008 in the annual student competition for designing Space Colony, organized by NASA and the National Space Agency of the U.S.



Build a Tower

EDUCATION INSTITUTION: Bimec

SUBJECT: Project Management; Management;

METHODOLOGY:

Here the project is used as a micro method.

The trainer is the moderator and has the role of the “sponsor” of the project.

Build a Tower

GOALS:

- To simulate and demonstrate the project development and implementation cycle and some of its specifics;
- To demonstrate common problems and mistakes that happen during project execution;
- To serve as a basis of discussion on project management, teamwork and team roles;
- Can be used as an introduction in project management training or as a part of management training.

Build a Tower

How to do it (1)

The trainees are divided into groups of 3 to 5 people and each group is given:

- cards from coloured carton / 250 gr/m² /
 - 9 pcs. 21 x 15 cm – price 40 euro/piece
 - 7 pcs. 15 x 10.5 cm – price 25 euro/piece
- 2 mtrs scotch tape - price 10 euro/m

Total budget: 555 Euro

Build a Tower

How to do it (2)

They have 40 minutes to build a tower, that is at least 60 cm high.

The tower has to last at least 3 seconds under the weight of a brick or a heavy book /like a dictionary/.

If more than one tower is successfully built, the winner is the team that has spent the smallest budget.

Build a Tower

How to do it (3)

Depending on the training goals the trainer may decide to have hidden agenda /not to tell what the goals of the project are until the trainees ask him/;

After finishing the project the trainers carries out a discussion with the whole group about the project design and execution; about the groups observations and bases some of the learning points of the training.

Build a Tower



Build a Tower



Build a Tower



Thank You for Your attention!
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Lifelong Learning Programme

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