

# OTSM-TRIZ for Kids:

## Using "Yes-No" Game and Riddles for Teaching OTSM-TRIZ and Various Regular School Subjects



### Two-day Hands-on Training for Teachers and Parents

October 23-24, 2008, Amsterdam, The Netherlands

Course leader: Nikolai Khomenko

A goal of this unique training is to teach participants how to apply "yes-no" game during education and develop and include the games for teaching different schools subjects.

To simplify OTSM-TRIZ education to children and young people, a non-linear approach was developed by the members of the Jonathan Livingston Project targeted at teaching OTSM-TRIZ to children.

The approach is aimed at developing a system of practical thinking skills for managing complex non-typical problem solving. Teaching OTSM-TRIZ is a new subject and developing appropriate skills takes time and often creates difficulties for teachers and parents. In order to integrate teaching OTSM-TRIZ with other school subjects or family activities, a training system based on the Yes-No games and creating and solving various riddles was developed by Nikolai Khomenko and Alla Nesterenko. Her book "*The Country of Riddles*" is available free of charge at the project website: [www.jlproj.org](http://www.jlproj.org).

After the training course, the acquired skills can be used by teachers and parents for creating educational games to teach kids and youngsters to main concepts of Classical TRIZ and OTSM and develop a system of appropriate thinking skills. These skills are helpful not only for further studying TRIZ and OTSM but for many regular school subjects by creating and playing "yes-no" games, inventing tasks and riddles for the games, and simultaneously studying other subjects. The course involves intensive practice.

### COURSE LEADER

Nikolai Khomenko, one of the most renowned TRIZ experts, TRIZ Master certified by G. Altshuller, originator and leader of Jonathan Livingston Project. Nikolai possesses 28 years of experience with TRIZ and OTSM, and he is one of the authors of OTSM. Currently he is a professor of Graduate School of Science and Technology (INSA) in Strasbourg and founder of Insight Technologies Lab in Toronto, Canada.

*"I was amazed how many competences you can develop by learning to "ask the right questions". I see many opportunities in the educational domain, but also for adults. For myself, it is a useful tool to get things clear. The development of both logical and creative thinking appeals to me a lot."*

Enno Meines, teacher  
The Netherlands

### WHO SHOULD ATTEND?

School and pre-school teachers, principals, parents, as well as specialists in technology of education who would like to learn how to develop power thinking skills in kids and teach them to basics of Classical TRIZ and OTSM.

### TRAINING PROGRAM

- Introduction to OTSM-TRIZ for kids.
- Learning basic concepts used in OTSM-TRIZ for kids.
- Explanation of "Powerful Thinking" approach introduced by OTSM-TRIZ.
- Explanation of "Yes-No" game and how it can be used by educators (from preschoolers to university professors and lifelong education).
- A system of "Yes-No" games:
  - Linear (one dimension); Planar (two dimensions); Spatial (three dimensions)
  - "Guess What I keep in Mind"
  - "What is it?"
  - Situations for detective investigations.
- Explanation how all these types of games could be used for teaching students of various ages.
- Explanation how to create your own Yes-No games to teach kids and further develop their thinking skills.
- Extensive practice with games.

### PRICE

- A fee for the training is Euro 250,- per person (excl. Value-Added Tax if applicable).
- The fee includes: Collection of course slides and reference materials; Lunch and refreshments.
- Accommodation is not included.
- Prepayment before the starting course date is required.
- Exact course location will be confirmed after registration.

TRIZ: Theory of Solving Inventive Problems  
OTSM: General Theory of Powerful Thinking



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