

Rules for Pupils' Creative Works Competition „My Idea”

General Outline of the Competition Idea

In the framework of the European Union project “*VBN InnoReg – Strengthening Via Baltica Nordica Macro-Region through Transnational Cooperation for Regional Innovation Promotion*” the Latvian Technological Center (further in the text LTC) and State Regional Development Agency announce the competition “My Idea” for pupils of Latvian schools.

The objective of the project is to promote understanding on innovation in all society - in different social groups starting from pupils, students and workers to civil servants, as well as to strengthen capacity of regional authorities and innovation system stakeholders.

It is planned to held Innovation Week on 8 – 15 September, 2007 - in Latvia – Riga in Kronvalda park, setting up a large tent in which the whole week various events (competitions, games, performances, lectures etc.) will be organised. During the event there will be exhibition of innovations where visitors will have an opportunity to be acquainted in easily perceptible form with new applied technologies, to understand technological creativity and role of knowledge in innovation process.

Therewith the aim of this competition is to facilitate interest of pupils' interest and understanding on concept of innovation and exact sciences.

Participants of competition

Any school operating in the territory of the Republic Latvia can participate in any or all of three competition categories.

Competition process

The competition is announced in 3 (three) categories:

1) **“My living space” – drawing competition for pupils from 1-4 classes.** In this competition category pupils visually pictures their future living place, which can be room, house, village, town or even the whole Latvian state. The essence – how pupil see him/herself and living place in far future.

The main rules:

- Size of the drawing sheet – A3.
- Technical realisation of the drawing – drawn by hand using any drawing technique (watercolours, crayons, pencils, felt pens, oil-paint, etc.). The only restriction – usage of computer or other technical accessory is forbidden in making a picture.
- Number of participants (individual drawings) – 1 (one) drawing is created by 1 (one) pupil. Within the scope of the school unlimited number of pupils from 1-4 classes can participate in the drawing competition, wherewith number of drawings is unlimited.
- **The school evaluates drawings in each category and sends only 1 (one) best work for further competition in Riga (see Competition evaluation).**

2) **“Vision of the development of some technical device” – description and technical drawing competition for pupils from 5-8 classes.** In this competition category pupil both describes and visually pictures (technical drawing / drawing) future vision of some technical device of interest.

These devices can be e.g. “future TV”, “future mixer”, “future food processor”, or other technical devices.

The main rules:

- Both competition provisions (technical drawing + description) are mandatory.
- Size of the technical drawing sheet – A3.
- Realisation of the technical drawing – up to the author (may be drawn by hand or using computer).
- Length of the descriptive part – one A4 page (made by computer or by hand).
- Number of participants (individual works) – 1 (one) drawing and description is created by 1 (one) pupil. Within the scope of the school unlimited number of pupils from 5 - 8 classes can participate in the description and technical drawing competition, wherewith number of drawings is unlimited.
- **The school evaluates works in each category and sends only 1 (one) best work for further competition in Riga (see Competition evaluation).**

3) **“Laws of nature” – competition of models (visuals) for pupils from 10-11 classes.** In this competition category pupils make real models to illustrate some of laws of nature (from astronomy, physics, chemistry, biology, genetics, etc.).

The main rules:

- Size of the model: length – 0.5 m, height – 0.5 m, width – 0.5 m.
- Costs of materials used for model design must not exceed 100 Ls.
- Model can be made from any material.
- It is advisable to provide a short description – presentation on the model, no longer than A4 page (made by computer).
- Number of participants: may be individual works or group works. Maximum size of the group – 5 (five) pupils. Within the scope of the school unlimited number of pupils from 10-11 classes can participate in the competition of models, wherewith number of drawings is unlimited.
- **The school evaluates works in each category and sends only 1 (one) best work for further competition in Riga (see Competition evaluation).**

The works for competition must be designed by pupils by themselves without involvement of neither manufacturing or processing enterprises nor professionals.

Every school can participate in all 3 (three) competition categories or individual category groups.

Competition evaluation criteria

There is one main criterion for evaluation in the competition – originality/innovativeness of **IDEA**, which is evaluated by a special commission (see Jury of the competition).

The artistic and technical implementations are not uppermost evaluation criteria.

Deadline for submission of works

The works must be submitted in the Latvian Technological Center, Aizkraukles 21 – room 309/310, Riga, LV-1006, till 30 April, 2007, 19:00.

Procedure for submission of works

1) Competitors which participates in competition in the 1st category **“My living space” – drawing competition for pupils from 1-4 classes** must submit:

- **Filled application form** (see Annex 1, available on www.innovation.lv or in the Latvian Technological Center, room 309, e-mail: agnesej@edi.lv, tel. 7558771, fax: 7541218).
- **1 (one) best drawing selected in the school preliminary competition.**

Application jointly with the work must be delivered or sent by post (postmark) till 30 April, 2007, 19:00 to the Latvian Technological Center, Aizkraukles 21 in rooms 309 or 310, Riga, LV-1006, with indication - *Pupils' creative works competition: “My Idea!”*.

2) Competitors which participates in competition in the 2nd category **“Vision of the development of some technical device” – description and technical drawing competition for pupils from 5-8 classes** must submit:

- **Filled application form** (see Annex 2, available on www.innovation.lv or in the Latvian Technological Center, room 309, e-mail: agnesej@edi.lv, tel. 7558771, fax: 7541218).
- **1 (one) best description and technical drawing selected in the school preliminary competition.**

Application jointly with the work must be delivered or sent by post (postmark) till 30 April, 2007, 19:00 to the Latvian Technological Center, Aizkraukles 21 in rooms 309 or 310, Riga, LV-1006, with indication - *Pupils' creative works competition: “My Idea!”*.

3) Competitors which participates in competition in the 3rd category **“Laws of nature” – competition of models (visuals) for pupils from 10-11 classes** must submit:

- **Filled application form** (see Annex 3, available on www.innovation.lv or in the Latvian Technological Center, room 309, e-mail: agnesej@edi.lv, tel. 7558771, fax: 7541218).
- **1 (one) best model selected in the school preliminary competition.**

Application jointly with the work must be delivered or sent by post (postmark) till 30 April, 2007, 19:00 to the Latvian Technological Center, Aizkraukles 21 in rooms 309 or 310, Riga, LV-1006, with indication - *Pupils' creative works competition: “My Idea!”*.

Competitors who participate in two or all three categories must follow the same submission rules as applicants in one category – a filled application form must be attached to each of the submitted handicrafts!

Applicant is responsible that his submitted work meets legal provisions of the Republic of Latvia, copyrights, moral and ethics norms.

Organisers of the competition don't reimburse expenditures or return resources used for making the handicrafts.

After finishing the competition all submitted works remain in disposition of the Latvian Technological Center and are permitted for use in local or international arrangements.

Jury of the competition

Applications of competitors are evaluated by the Jury, constituted of 8 (eight) representatives from different innovation support structures:

- Janis Stabulnieks, Latvian Technological Center, Director, Chairman of the Jury
- Juris Ekmanis, Latvian Academy of Sciences, president
-, Riga Technical University

-, University of Latvia
- Valdis Avotins, Latvian Investment and Development Agency, Director of department
- Peteris Reihmanis, Latvian Technological Park, Director
- Janis Smilga, Business Innovation Center of Latvian Electronic Industry, Head of the Board
- Vilnis Rantins, Association of Mechanical Engineering and Metalworking Industries of Latvia, Head of the Board

Evaluation of the competition

Evaluation of the competition will be carried out in three stages:

1) **Preliminaries** – within each of the school appointed responsible persons evaluate all submitted works in each of the competition category and sends only 1 (one) best work in each of the category (the address for sending see in “Deadline for submission of works”).

2) **Regional Finals** – after school Preliminaries Jury of the competition evaluates each of the submitted handicraft by 10 (ten) point system. The points are summarised, thus establishing first places in all three categories in 5 (five) regions/parts of Latvia – Latgale, Zemgale, Vidzeme, Kurzeme and Riga/Riga district. Altogether 15 (fifteen) winners in all three categories from 5 (five) regions of Latvia will receive invitation to the Final, which will take place in Riga during the Innovation Week, September 8-15. Expenses of trips will be covered by organisers of the competition.

3) **The Final** – winners of Regional Finals will obtain rights to participate in the Final, which will take place in Riga during the Innovation Week, September 8 - 15 (each of the finalists will be informed individually on the actual date and time). During the Final 1 (one) most innovative participant in each of the category will be named and awarded.

Prizes of the competition

- In category “**My living space**” – **drawing competition for pupils from 1-4 classes – the main prize** is mobile phone from sponsor - LATVIJAS MOBILAIS TELEFONS, Ltd.
- In category “**Vision of the development of some technical device**” – **description and technical drawing competition for pupils from 5-8 classes – the main prize** is laptop from sponsor – HIPOTEKU BANKA.
- In category “**Laws of nature**” – **competition of models (visuals) for pupils from 10-11 classes – the main prize** is tour to Helsinki – *Heureka* science centre (www.heureks.fi) from sponsor – tourist agency VIA RIGA.

Winners of the Regional Finals will receive memorial prizes from organisers of the competition, which will be handed to winner in his represented school on specially organised “innovation day”. Innovation experts from Riga will participate on these events to tell about innovation activities and answer to pupils’ questions.

All Preliminaries winners will receive recognition Diplomas on participation in creative works competition „My Idea” organised by the Latvian Technological Center and State Regional Development Agency.

Contact information of organisers of competition

Agnese Janova
 Latvian Technological Center
 Aizkraukles Street 21 – 309
 Riga, LV-1006
 Tel.: 7558771
 E-mail: agnesej@edi.lv

Annex 1

Pupils' competition for 1-4 classes "My living space"

APPLICATION FORM

Data on author:

Name, class: _____

Name of the school: _____

Town, parish, district, region: _____

Address for sending correspondence: _____

Name of contact person, tel.: _____

E-mail address for contact person: _____

With this I confirm my agreement that work submitted to competition by _____ (*Name*) from my educated class may be used in local or international arrangements from submission date without special consent from and payment for teacher and author.

Date: _____

Signature of teacher: _____

Annex 2

Pupils' competition for 5-8 classes "Vision of the development of some technical device" – description and technical drawing competition

APPLICATION FORM

Data on author:

Name, class: _____

Name of the school: _____

Town, parish, district, region: _____

Address for sending correspondence: _____

Name of contact person, tel.: _____

E-mail address for contact person: _____

With this I confirm my agreement that work submitted to competition by _____ (*Name*) from my educated class may be used in local or international arrangements from submission date without special consent from and payment for teacher and author.

Date: _____

Signature of teacher: _____

Date: _____ Signature of participant: _____

Signature of parent or protector*: _____

* Signature of parent or protector is necessary for participants under age of 18.

Annex 3

Competition for pupils from 10-11 classes “Laws of nature”

APPLICATION FORM

1. Data on author group:

Team:

Name, class: _____

Name, class: _____

Name, class: _____

Name, class: _____

Name, class: _____

Name of the school: _____

Town, parish, district, region: _____

Address for sending correspondence: _____

Name of contact person, tel.: _____

E-mail address for contact person: _____

With this team of authors confirms the agreement that submitted work may be used in local or international arrangements from submission date without special consent and payment.

Date: _____

Signature of participant: _____

Signature of parent or protector*: _____

Signature of participant: _____

Signature of parent or protector*: _____

Signature of participant: _____

Signature of parent or protector*: _____

Signature of participant: _____

Signature of parent or protector*: _____

Signature of participant: _____

Signature of parent or protector*: _____

* Signature of parent or protector is necessary for participants under age of 18.

2. Data on the submitted work

Motivation - why this law of nature was selected (no more than 150 words)

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