

NTSE - Nano Technology Science Education Project No: 511787-LLP-1-2010-1-TR-KA3-KA3MP



## Report on the Results gathered from the Evaluation Questionnaire for Students (RO)

Number of questioned students: 35 - students with advance Sciences knowledge (9<sup>th</sup> & 10<sup>th</sup> form) – May/June 2011.

Questionnaire data processed by: Laura Monica GORGHIU and Gabriel GORGHIU (Valahia University Targoviste, Romania) - June/July 2011.

#### Question no. 1:

• How interested are you in learning about the following topics in Science lessons?

Results diagram is presented below:



The most interesting subjects for students are:

- 1. Structure of DNA, genetic studies, heredity and how genes influence how we develop 68.57%
- 2. Parts of human body and how the systems work 65.71%
- 3. Life and death and human soul 62.86%

The less interesting subjects for students are:

1. Organic and ecological farming without use of pesticides and artificial fertilizers - 54.29%





#### 2. Electricity and its properties – 48.57% 3. Atom, molecules and chemical bonding - 45.71%

### Question no. 2:

#### What do you think about Science education in school? •

#### Results diagram is presented below:

		Yes	Maybe	No	
а	School science is a difficult subject	17.14	54.29	28.57	
b	School science has opened my eyes to new careers and new events around	42.86	45.71	11.43	
с	l like school science more than most other subjects	20.00	37.14	42.86	
d	The things that I learn in science at school will be helpful in my everyday	51.43	42.86	5.71	The second secon
e	School science has increased my curiosity about things we cannot yet	48.57	37.14	14.29	
f	School science has increased my appreciation of nature	25.71	40.00	34.29	
g	School science is my way to technology and science knowledge	22.86	51.43	25.71	
GEN.	Total	32.65	44.08	23.27	
		%Yes	% May Be	% No	0 10 20 30 40 50 60 70 80 90 100

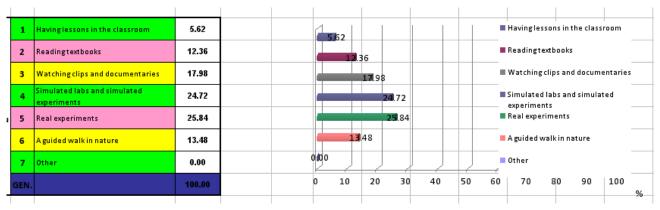
 51.43% of students consider that things that they learn in Science at school will be helpful in their everyday life.

• 42.86% of students do not like Science topics more than most other subjects.

#### Question no. 3:

I think that a good way to learn more about science and technology is... •

#### Results diagram is presented below:



• 25.84% of students consider real experiments as the best way for learning about Science and Technology.

• just 5.62% of students appreciate having ordinary lessons in the classroom as a suitable way for learning about Science and Technology.

#### Question no. 4a:





# • Do you prefer to use of computers and Internet to discover and learn aspects related to Science topics?

#### Results diagram is presented below:

	Yes	No								
Do you prefer to use of computers and internet to discover and learn aspects		5.71	1							
	%Yes	% No		/1			9	4.29		
								7	%	

• 94.29% of students prefer to use computers and Internet to discover and learn aspects related to Science topics.

• 5.71% of students do not prefer to use computers and Internet to discover and learn aspects related to Science topics.

#### Question no. 4b:

• Indicate what kind of specific tools you would like to use to discover and learn aspects related to Science topics.

#### Results diagram is presented below:

1	PowerPoint Presentations	7.27	727 PowerPoint Presentations
2	Images	9.09	Images
3	Video clips	41.82	4182 ■ Video clips
4	Virtual Experiments	41.82	■ Virtual Experiments
5	Other	0.00	0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
GEN.		100.00	
			0 10 20 30 40 50 60 70 80 90 100 %

• 41.82% of students would like to use educational video-clips and virtual experiments to discover and learn aspects related to Science topics.

• just 7.27% of students would like to use PowerPoint presentations to discover and learn aspects related to Science topics.

#### Question no. 5:

• Choose which kind of specific environments do you like to use for discovering and learning aspects related to Science topics.

Results diagram is presented below:





Platform made just for this	51.11			1	1						Platfo	orm mae	de just	forthis	+
Social Network like facebook with included science materials	28.89						28.89	,	511.1						ç
Forum/Group discussion with included science materials	20.00			-		20	00				Forur	n/Group	discu	ssion with	
Other	0.00		0	<b>1</b> 00		D				$\Box$	Othe	r			
	100.00		C	)	10	20	30	40	50	60	70	80	90	100	9
	Social Network like facebook with included science materials Forum/Group discussion with included science materials	Social Network like facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Network like facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Network like facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Network like facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Networklike facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Network like facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Network like facebook with included science materials 28.89 28.89 28.89   Forum/Group discussion with included science materials 20.00 20.00   Other 0.00 0.00	Social Network like facebook with included science materials 28.89   Forum/Group discussion with included science materials 20.00   Other 0.00	Social Network like facebook with included science materials 28.89 511   Forum/Group discussion with included science materials 20.00 20.00   Other 0.00 0.00	Social Network like facebook with included science materials 28.89 5111   Forum/Group discussion with included science materials 20.00 20.00   Other 0.00 0.00	Social Network like facebook with included science materials 28.89 5111   Forum/Group discussion with included science materials 20.00 2000   Other 0.00 0.00	Social Network like facebook with included science materials 28.89 51/11   Forum/Group discussion with included science materials 20.00 20.00   Other 0.00 0.00	Social Network like facebook with included science materials 28.89 5111 Social Network like with included science materials   Forum/Group discussion with included science materials 20.00 20.00 Forum/Group discussion with included science materials   Other 0.00 0.00 0.00 0.00 0.00	Social Network like facebook with included science materials 28.89 51/11   Forum/Group discussion with included science materials 20.00 20.00   Other 0.00 0.00

• 51.11% of students prefer a platform to be used as a support to discover and learn aspects related to Science topics.

• 28.89% of students prefer a social network environment to be used as a support to discover and learn aspects related to Science topics.

• 20.00% of students prefer a forum / group discussion as an environment to be used for discovering and learning aspects related to Science topics.