

**Goal: Popularization of the science subjects, their practical role in commercialization process**

**Action:** - Visit to partner enterprise in order to determine a sphere of cooperation;  
- Selection of target groups;  
- Discussions on “My future profession”.

**Reflection:** - Questionnaire Analysis;  
- Low interest of sciences;  
- Making choice of profession: economics, banking, Humanities.

**Observation:** -filling out questionnaires to determine the Priorities;  
- making notes of priorities outlined during the Discussions.

**Planning:** - Based on analysis of new ademic year activities:  
- Increase the number of lessons;  
- Use audio-video materials during the lessons;  
- Extension of time period;  
- More visit in partner enterprise.

### Actions:

#### School - lessons regarding the following subject:

1. Get acquainted with the rules of working in the laboratory;
2. Structure of bacteria, their role, nutrition types;
3. Virus - Hershey and Chase experiment;
4. demonstration of audio-video materials.

#### G. Eliava Institute of Bacteriophages, Microbiology and Virology :

1. The history of a founder and foundation of Institute;
2. Exploration of bacteria and phages in electronic microscope;
3. Introduction with methods of identification of microorganisms;
4. Inform about markers that identify bacterial sensitivity;
5. Getting familiar with nutrition and painting methods;
6. Planting microbes on Petri's plate;
7. Viewing the test samples in light microscope.

#### School:

1. Discussions - “Will I think or not about my future profession in the context of new experience”;
2. Discussions on the prospective of natural science subjects form different angles;
3. Students' conference “the roles of phages in today's life”;
4. Creation of the flyers.



**Observation:** - Filling out the post questionnaires;  
- making notes of priorities outlined during the discussions.

**Reflection:** -Tendencies outlined during the analyses of questionnaires and discussions;  
- Enhancing the interests and motivation of students, eight students decided to chose the science as their profession.

**Conclusion:** -The changes planned in the second cycle and the activities carried out have increased the interest of pupils in the field of sciences. The students obviously saw the relevance of the phages;  
-The necessity of study based research.

