

Science is Fun

Action research to support the study of science

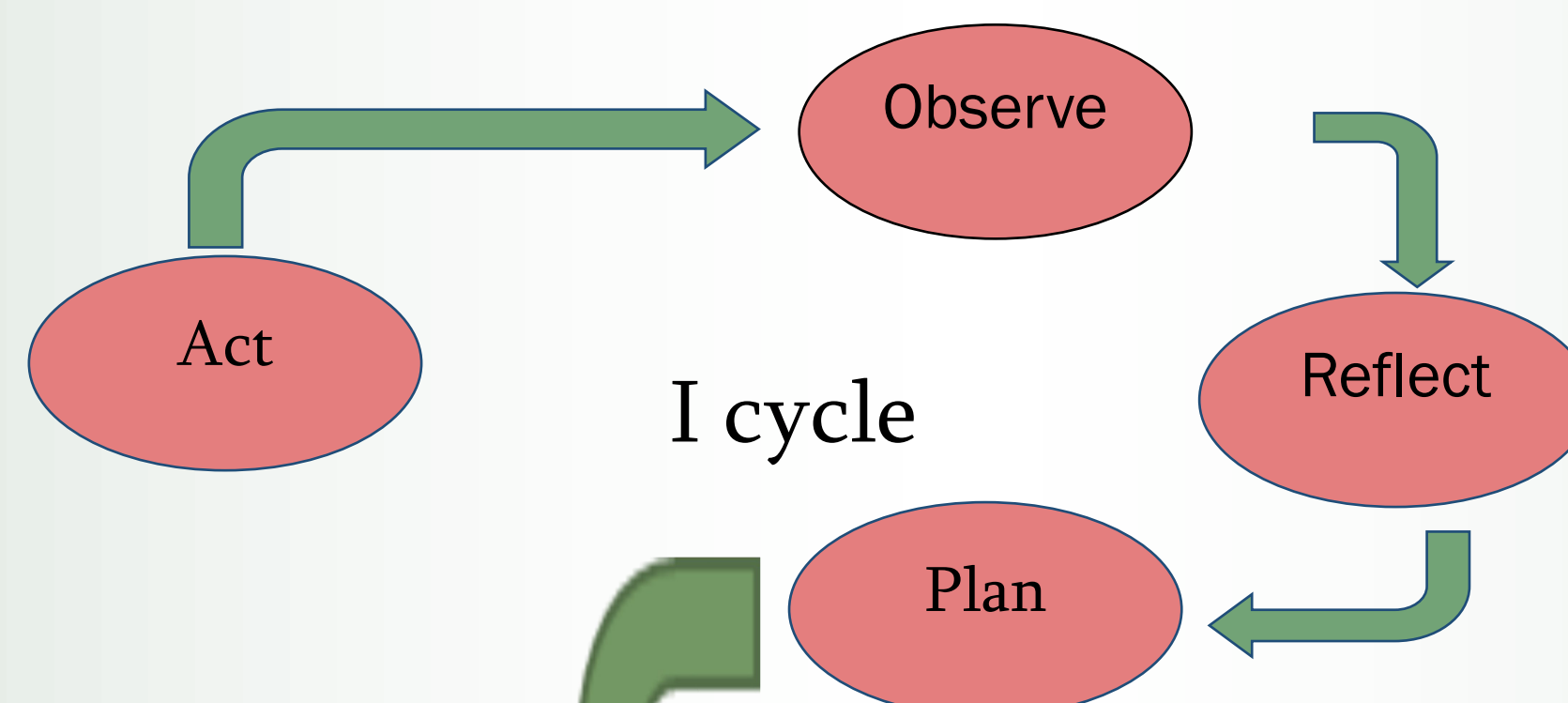
The goals:

- to investigate the reasons of a low motivation among the target group to study science;
- to raise the pupils' interest towards science subjects;
- to arise the pupils' desire to be involved in science sphere;
- to develop the pupils' research abilities;
- to get the additional knowledge on the own organism, microorganisms and the food safety.
- to make clear how the pupils' motivation toward the subject is increased.

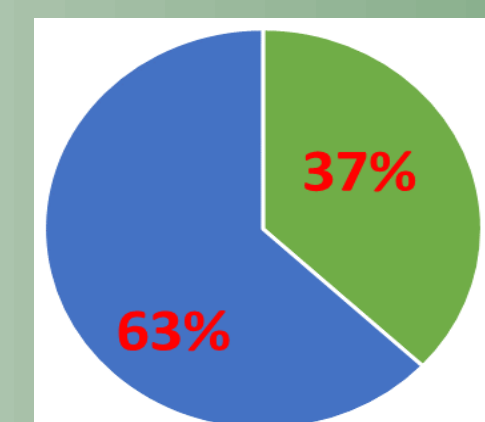


The 1st inquiry - to determine a level of the pupils' motivation toward the science study;
A class observation on the pupils' discussion, doing their homework, as well as making presentations.

The research question: what is the reason of a low motivation to study science subjects in the target group and how the pupils' interest should be increased in this direction? The development of research plan and questionnaire.



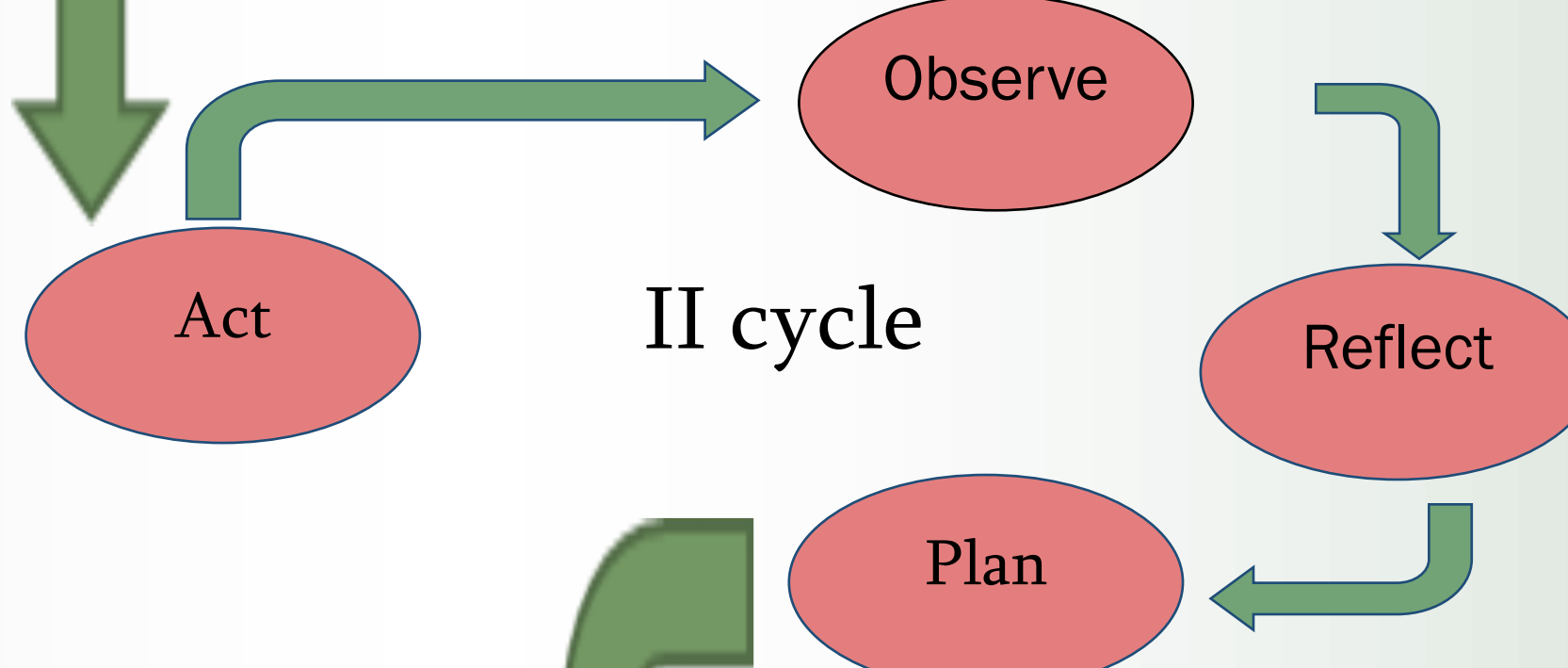
The 1st inquiry showed the pupils' less interest toward the science in comparison to other subjects. Namely, only 37% of pupils liked a science subject. The main reason was the subject complexity.



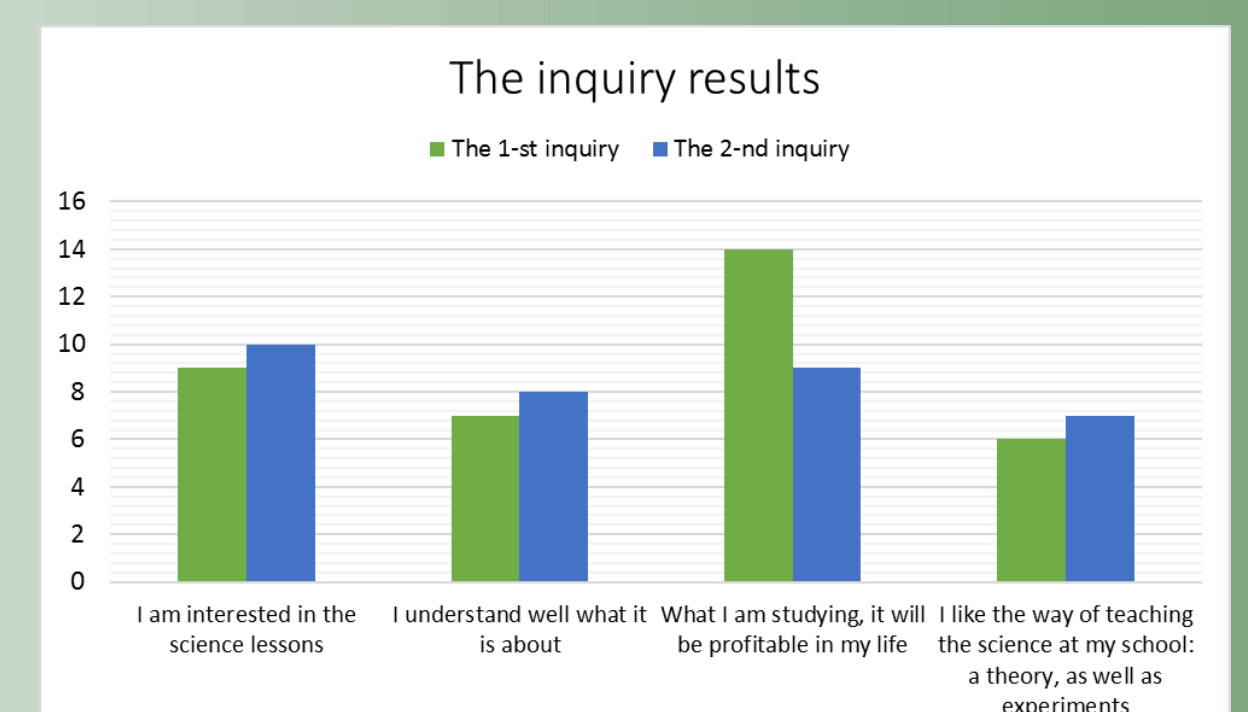
To increase the pupils' motivation, the lesson module was developed and their visit to the ice-cream enterprise was planned.



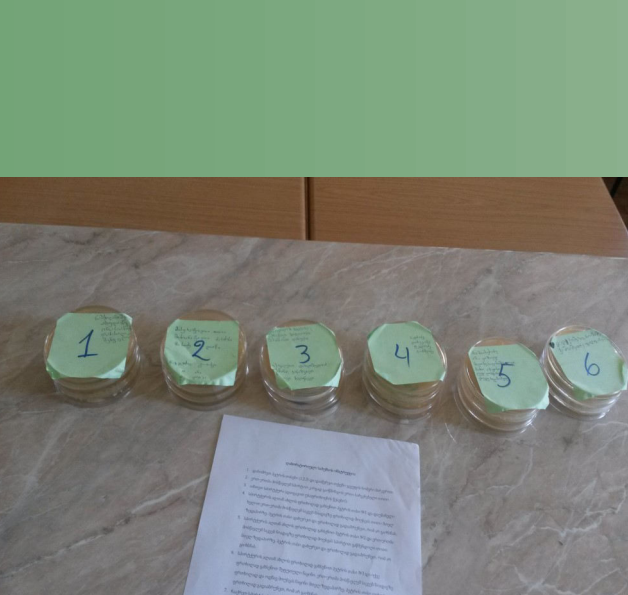
Research diary: the pupils observation;
The 2nd inquiry: to determine a level of the pupils motivation toward the science study after introduction of the module.



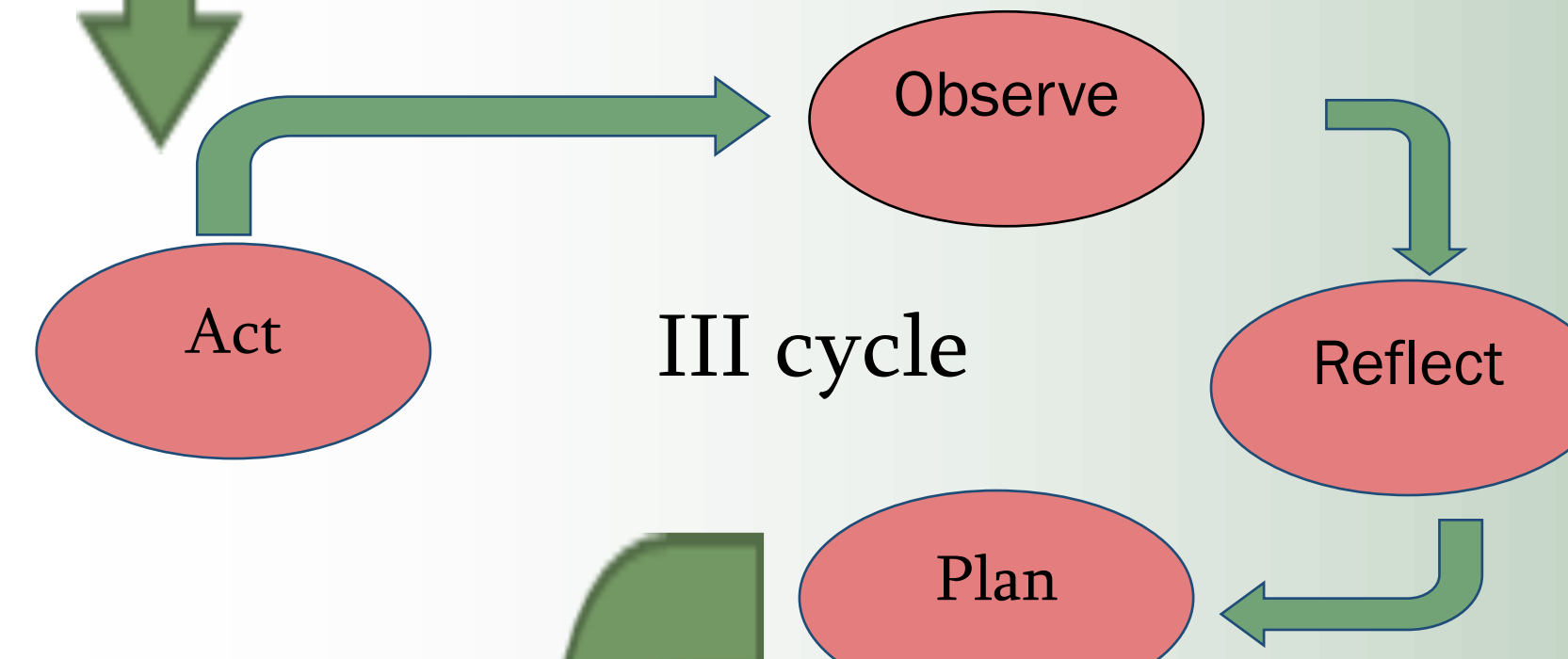
The research results showed that the indicators of the pupils' motivation slightly improved, but some indicators slightly worsened. This result was presumably caused by the participation of only one group in the laboratory biochemical and microbiological research of the enterprise.



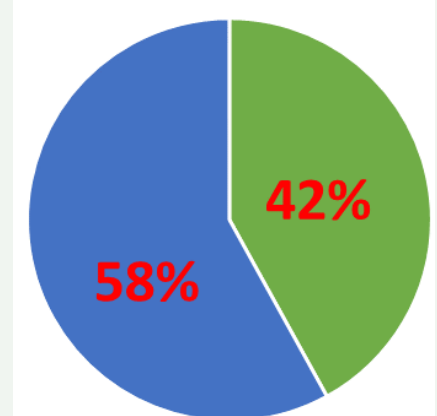
The whole target group will be involved in the implementation of the next stage research.



Research diary: the pupils observation;
The 3rd inquiry: to determine a level of the pupils motivation toward the science study after introduction of the module.



The research outcomes showed all improved indicators of the pupils' motivation. The number of the pupils who like a science subjects increased by 5 %. In the questionnaire, the pupils mentioned that these subjects are difficult but interesting and fun.



The whole target group will be involved in the implementation of the next stages research.

