

They were impressed by the diversity of topics – always in connection with robotics and its possibilities of real-life use. Some of the pupils noted that the Summer School clearly confirmed their interest on STEM-subjects, some declared that their interest even increased by working on the offered subjects. Figure 1 and 2 show a before-and-after comparison of curiosity in STEM-subjects. In figure 1 the high interest on scientific subjects is obvious, as all of the pupils were already enthusiastic about this domain when deciding to participate at the Summer School. In figure 2 the increased interest in the STEM subjects is/was evident and achieved a higher level at the end of the MINTOL programme.

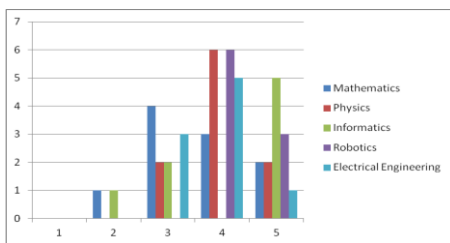


Fig. 1: Interrogation about the pupils' interest in STEM-subject at the beginning.

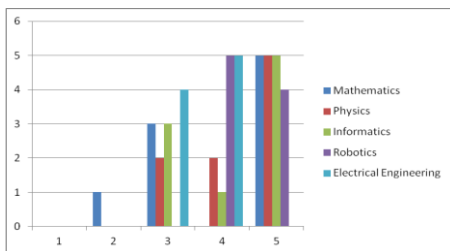


Fig. 2: Interrogation about the pupils' interest in STEM-subject at the end of the project.

4. Summary

In the project we could ascertain the pupils' appreciation towards the connection of theory and praxis. In regular debriefings after each project day, the young people expressed acceptance and appreciation for the program and its contents.

All in all the first Oldenburg Summer School about STEM-related subjects, robotics and informatics was prosperous and successful. In this spirit we are planning to iterate this project in the forthcoming summer so that the current age-group of pupils may benefit from this learning opportunity.

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