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Teacher Workshop in Bodrum

Teacher workshop took place in two schools in Bodrum at BİLSEM on the 24&26 April 2024 and at TED Bodrum on the 25 April 2024. 33 teachers attended the workshop.



Teachers, workshop instructors and some partners visiting at BİLSEM School



Teachers and workshop instructors at TED Bodrum



On the first day of the workshop, the project was introduced to the teachers. Then, Filiz Kalelioğlu run the workshop on the basics of Computational thinking (CT) and did hands-on activities. On the second day, Tuğba Öztürk, whose expertise is on CT, discussed about integration of CT in education in the morning session and in the afternoon session, the teachers did the tasks on COMATH's CT section. Then, data collection took place to obtain their opinion about the CT in COMATH. On the third day, Ebru Aylar, whose expertise is on Mathematics education and CT, taught teachers about Algebraic Thinking (AT) in the morning session. In the afternoon session, teachers did the tasks on COMATH's AT section. On the last day, data collection took place to obtain their opinion about the AT in COMATH. Teachers also answered the survey questions on COMATH and their workshop experience.

Teachers' workshop experience

Seventeen teachers shared their experiences in the survey. Here are the demographics of the teachers:

Survey results show that a significant number of the teachers are class teachers (6 out of 18). There are also math, science, English, computing and art educators in the workshop.

Two of the teachers, who responded the survey, are from Ankara and the rest of the teachers live in Bodrum in Turkey. Their teaching experience varies from 5 years to more than 20 years.

Teachers' views on different aspects of the workshop are presented in the following sections: a) organisation, b) instructors, c) content of the workshop, d) methodology, and e) results. Then, their opinions are reported based on open-ended questions.

In regards to the training programme received in due time, 10 teachers responded as Excellent, 3 teachers responded as Good and 4 teachers responded as Satisfactory. A possible reason for G and S responses could be the extended science fair at BİLSEM school. During the workshop, there was a science fair at BİLSEM schools, and the finishing time of the fair was extended, causing a delay in the start of the workshop. Although the instructors and organizers were present prior to the workshop, the team had to wait for the end of the fair.

The teachers were asked to evaluate the clearness of training objectives. 11 teachers responded as Excellent, 4 teachers responded as Good and 2 teachers responded as Satisfactory. A possible reason for G and S responses could be the heterogeneity of the teachers' disciplines and teaching grades. Since they come from different backgrounds, this might have prevented them from understanding the common core of the workshop. Additionally, they do not have prior knowledge of CT and AT, which may make it difficult for them to understand the objectives of the workshop.

In open-ended questions, teachers are asked to provide their thoughts on the most interesting aspects of the workshop and to share their overall comments about the workshop.

Here are some comments of the teachers about what attracted their attention about the workshop:

“I learnt about the place of computational thinking in education. This is an innovative approach.”

“COMATH test can work for selection of gifted learners”.

“Exchanging experiences and sharing ideas through discussions were very effective”.

“The workshop was organised based on our needs. I would like to work in detail on the subject”.

In terms of their overall comments, 13 teachers provided feedback on the workshop, all of which was positive.