When the bees took a day...EVALUATION

It concerns an educational project that was held for fifty kindergarten and elementary school students in the framework of the CCECs *. The purpose of the interventions was the environmental literacy of the students in relation to climate change. The aforementioned purpose was approached having as a learning object the effect of climate change on the pollination of peach trees by bees. The use of bees in the pollination of peaches crops contributes multiple to the increase of the fruit, the production, the size and the improvement of the shape of peaches.

The theoretical framework of the learning interventions made by the constructivism as a learning theory, the subjectivity that expresses the postmodern ideology and the education for sustainability. Elements of music-kinetic education, as well as acoustic ecology, were exploited. The learning scenario followed was semi-directed. During its development, soundscapes were created using sound sources of useless materials. Among the learning methods applied were role-playing, psychomotor games, the production of original discourse, the expression through painting, the craftsmanship.

Initially, the students ' pre-existing experiences (initial/diagnostic evaluation) on the weather phenomena and the flowering stages of the peach tree were investigated, always in correspondence with the seasons of the year. The pollination stage was then simulated, with both weather regularity and non-regularity. Eventually they occupied the student groups, comparatively, the consequences of the first and second indents. Thus, in a "tangible" way, the trainees approached climate change through its effects.

A noteworthy focal point of this study is the evaluation of students who participated in the programme. This was achieved through a non-word assessment sheet (qualitative and quantitative evaluation), as well as through consultation between pupils (qualitative evaluation).

* CCECs: Children's creative employment centers. Their aim is to provide pedagogical activities that are qualitative and creative, individual or group and to fill the free time of a child. They operated initially in Greek territory with a public character. They now exist with a subsidized private character.

* * According to the demographic data of the students, 70% of them come from rural families active in the cultivation of peach trees, while 100% reside next to agricultural peach plantations. Outnumber girls (60%) compared to boys (40%).