

This paper examines the potential of utilizing new WEB 2.0 tools, specifically the Learning Activity Management System (LAMS), into K-6 instructional practices, as a means to create an open, cooperative learning environment. Through a participatory action research procedure, the research team constructed a project under the title “Advertising Food”, which was implemented on a rural school in Chania-Crete. The aim of the research was to investigate the activation level of the students, the communication status through multiple means of communication (online, face to face, synchronous – asynchronous) and the effect of the learning design upon the students and the teachers.

Key Words: LAMS, E-Learning, Media Education, Health Education