## **ICT in Science Education**

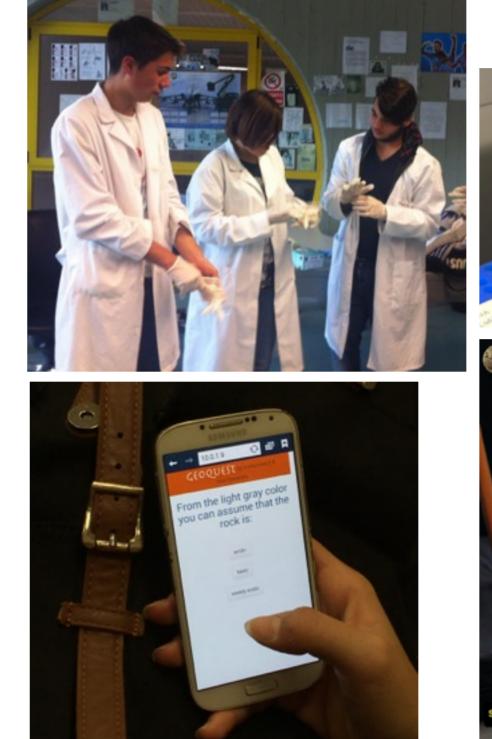


## Who killed Maya Foster? A CLIL CrimeQuest

## **Interactive Computer Class Role Playing Game.**

We'll bring all the participants on a virtual crime scene in a lab.

The students must solve forensic logic problems and they will be involved in many hands-on activities with poor materials: DNA profiling, digital finger printing, hair



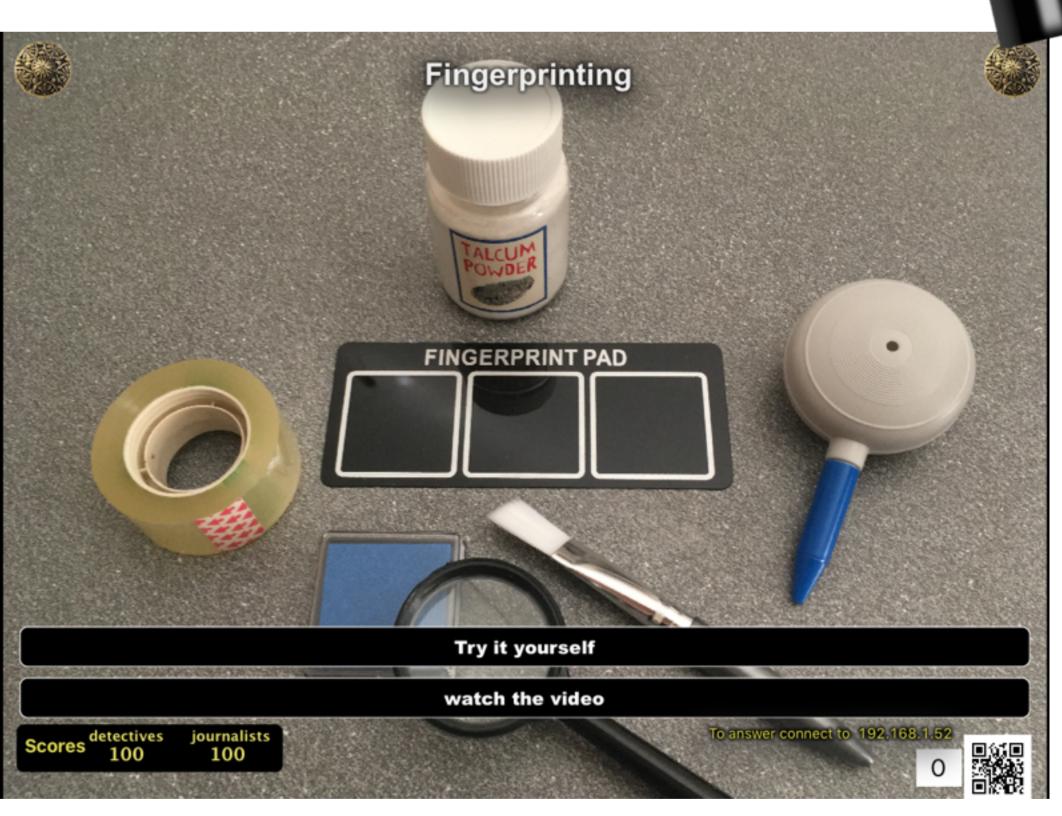


SCIENCE

comparison, analysis of sticky soil on killer's shoes and Luminol test on the crime scene.

CrimeQuest is a digital role playing game (CCRPG) designed for Learning on Gaming, "learn while you play".





In pie diagram: students approval of three different teaching methodologies: Computer Class Role Playing Game (CCRPG), PowerPoint supported lesson and traditional (frontal) lesson.

PPT 34% CCRPG 51% Trad 15%

Players interact with game software through their own smartphones, tablets, or laptops. CrimeQuest improves students' learning and skills, motivates teachers and renews teaching methodologies.

