

## **Technology Integrated Lesson Plan Based on Experiential Learning**

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### **Abstract**

Technology is important for experiential learning because it creates opportunities for reflection on learning experiences that students can relate with. For example, students can record their experiences and refer to them later. Teachers can create a virtual community of participants that enhance collaborative learning. Arising from the benefits of using technology in learning, the Government of Kenya introduced ICT in education as well as use of laptops for class one pupils. However, building the teacher capacity to integrate technology in their teaching makes the implementation of the government project challenging. Teachers feel confident about their knowledge of the pedagogy and content but are less confident when it comes to technology knowledge. This paper explores how technology can be integrated in a lesson plan to enable a teacher deliver a technology aided class. Kolb's experiential approach to lesson planning, Bybees learning cycle and TPACK technology integration model were used in the development of the lesson plan. Technology Pedagogical and Content Knowledge (TPACK) identifies the nature of knowledge teachers require in order to integrate technology in their teaching. A group of 18 students taking a course in education during the May-August 2016 semester were engaged in developing the lesson plan. The process proved that effective teaching and learning is possible through technology which is already in the hands of students.

**Key words:** Applied computing, Education, Computer-managed instruction

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