Figure 1: The Three Interacting Worlds of Teachers

World 1: The physical World

World 2: The teacher's inner world

World 3: Cognitive artifacts and ideas

Teachers' beliefs (epistemological, pedagogical, educational values); knowledge (technological, pedagogical, content knowledge); identity (resistor, adopter, innovator, knowledge creator)

School environment (education policies, sociocultural world, technological infrastructure, assessment practices, the people involved)

Examples of cognitive artifacts proposed by scholars from educational technology: ICT as cognitive tools, CSCL, pedagogical models of knowledge creation, community etc.