Adapting Cloud Computing in Education: Can We Speak For an Alternative Didactic Approach in School Literacy in a Cluster Classroom for the Gifted and Talented Students?

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Abstract. Today's classroom is changing. From when the school bell rings to study sessions that last well into the night, students are demanding more technology services from their schools. It's important not only to keep pace with their evolving needs, but also to prepare them for the demands of the workplace tomorrow.

At the same time, education institutions are under increasing pressure to deliver more for less, and they need to find ways to offer rich, affordable services and tools. The results of the global financial crisis are visible all-around. Those educators who can deliver these sophisticated communication environments, including the desktop applications that employers use today, will be helping their students find better jobs and greater opportunities in the future.

Cloud computing can help provide those solutions. It's a network of computing resources—located just about anywhere—that can be shared. They bring to education a range of options not found in traditional IT models. In fact, the integration of software and assets you own with software and services in the cloud provides you with new choices for balancing system management, cost, and security while helping to improve services.

Using the cloud means low-cost; schools no longer have the heavy expense of dealing first-hand with their data storage and can instead devote their limited resources to purchasing effective digital eLearning resources. A cluster classroom is a regular mainstream classroom in which a small group or cluster of students with gifted identification are placed together. The classroom teacher has the skills necessary to meet the needs of gifted learners. Cloud computing is changing the ways people do personal learning, interactive learning and many-to-many learning, in the primary, secondary and higher education spheres. This paper shows that we can use cloud computing as an alternative didactic process in education today.