Effective schools, Effective learning, Effective tools

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The interest in technology has been altered substantially. It is now seen as a critical application of effective teaching and learning strategies. It is a facilitative experience in using and acquiring knowledge and information. This represents a study and examination of a school committed to renewal and improvement. It has carefully initiated teacher leadership activities and practices. It has sought ways of incorporating meaningful change within the classroom context of teaching and learning. Technology and its wise and appropriate use are critical to this enterprise. This session will consider the application, analysis, interpretation, and summary of technological strategies to promote student learning, increasing the effectiveness of the teacher and the teaching process. Specifically it will consider the use of the IPAQ computer in a middle school talented and gifted program. Data and information will be shared that exemplify best practices for teachers, students, prospective teachers, and administrators. As a part of the report, the impact that technology and this specific program will be examined as these relate to preservice and inservice dimensions of professional growth.