Building a Standards Based, State-of-the Art Technology Plan

Participants will learn a step-by-step approach to building a state-of-the-art, visionary technology plan. A unique technology plan format will be introduced linking specific goals and objectives to the ISTE NETS, state and local standards, and the NCLB goals. From the initial charge to the final document, this presentation will cover all aspects of successful technology planning. The steps will include the initial charge and leadership, committee selection process, and the creation of a web-based technology plan which allows on-line access to agendas, needs assessments, timelines, external links to NETS for students, teachers and administrators, state and national standards, budget information, and evaluation of the plan.

The ultimate outcome of this presentation is that participants will be introduced to a technology plan format that they may replicate, incorporating their own state and national standards and aligning them with the ISTE NETS and the NCLB Act.

Participant objectives to be met include learning how to:
1. Build a successful technology plan that serves as a catalyst for dynamic and continual improvement for the educational enhancement of all students
2. Implement a technology plan format designed to allow linking of ISTE NETS with state and national standards, local goals and objectives, as well as linking with goals of the NCLB Act
3. Create a web-based technology plan where agendas, needs assessments, timelines, budget, evaluation, and external links to NETS, state and national standards, and NCLB goals can be posted
4. Implement this strategy by observing presenter's website and receiving handouts

I. Discussion of components of a successful technology plan
II. Illustration of using Excel to create a technology plan format. Included in this illustration will be how to design the Excel document to align the ISTE NETS for students, teachers, and administrators with state and local standards, NCLB goals, and local goals and objectives.
III. Instructions on how to create a web-based program to allow technology plan committee members to input ideas for all elements of the technology plan. This eliminates the need to schedule a time for everyone to meet. It can all be done online!
IV. Handouts will be provided

The No Child Left Behind legislation emphasizes the importance of technology plans that include integration of technology into curriculum and instruction, increasing the ability of teachers to teach, and the inclusion of process and accountability measures. As a result, these technology plans are expected to effectively employ technology to enhance learning and increase student achievement. This proposal addresses those components of the
NCLB Act by presenting a model technology plan that links the NETS and state and national standards to the following NCLB goals:

1. Strategies for improving academic achievement and teacher effectiveness
2. Steps to increase accessibility
3. Professional development
4. Promotion of curricula and teaching strategies that integrate technology
5. Innovative delivery strategies
6. Parental involvement
7. Accountability measures

Developing a comprehensive technology plan, based on the educational goals of NCLB, will help ensure the educational enhancement of all students. A visionary plan also ensures that all students have equitable access and achieve the greatest benefit from the use of educational technology.

The technology plan should focus on the primary strategy of preparing teachers to integrate technology as part of the core curriculum. Research shows that technology curriculum-integration rather than technology skills training should be the primary focus of the staff development portion of a technology plan. A well-designed technology plan, aligned with NETS, state and national standards, and NCLB, will improve curriculum, assessment, teaching, and student achievement.