



**N4B**  
**CUTTING EDGE E-LEARNING  
TECHNOLOGIES INTO THE  
TRADITIONAL CLASSROOM**



# THE MOST ADVANCED ICT BASED APPLICATION IN EDUCATION - RESHAPING THE WHEEL OF ACADEMIC DELIVERY.

Value driven education, concept driven education, performance driven education, result driven education... there are many theories on different models of academic delivery. Ultimately, academic processes are powered by the drive of the student, the tenacity of the instructor and the status of the learning environment. The continued search for betterment can yield solid results only when it springs out of application not older competitive theories.

Recognizing that the next step in academic evolution must be the full and comprehensive integration of computer power into the standard academic systems and classrooms, AMSI became a pioneer in revolutionizing the traditional learning environment. Computerization is not a luxury anymore, for it is no more a tool like the calculator started...it is now a necessity. Schools all over the globe must elevate their standards to the level that is required in this day and time.

At AMSI, we recognized that... and we boldly stepped further in reshaping the wheel of education... AMSI's N4B experience stands as a milestone in academic evolution...

## “NOTEBOOKS FOR BOOKS”: THE MODEL...

### **The Classroom:**

- Multi-tier and ergonomically advanced
- Podium for a teacher and a classroom server inside the podium
- Modular whiteboard and imbedded interactive board
- Multimedia projector
- Wireless network
- Wired network
- Mobile pad for remote classroom server and interactive board control
- Appropriate environment control software to allow data and hardware management

### **The Curriculum:**

- Digitize the books to allow total student interaction with the content
- Digitize the curricula to allow teachers total content interaction
- Transform the curricula into digital presentations, animate and enhance the content with visualization aspects
- Provide total and controlled internet access

### **Web Portal Services:**

- Allow total and streamed transmission of data from the classroom to the web  
(Every class session with its full content to be posted for repeated access and revision)

**The Student:**

- Provide every student with a state of the art notebook computer
- Load the notebook with all the data for the student's curriculum and class level
- Allow the student to become totally and fully conversant with all the aspects of the advanced technology features within his/her classroom
- Involve students in new aspects of technology training
- Allow new academic over the web and intranet competitions, involving web design, PowerPoint, and Flash presentations in all subjects
- Peer to peer judgment of presentation content

**The Teachers:**

- Provide all necessary training until total control of the technology components is achieved

**Interconnect:**

- Interconnect all components and technologies of the system in an internet, intranet, and extranet environment using fiber optic networks, hubs, server, data logging and retrieving protocols.  
The above model is so far unique in the world in its total and complete integration of technology components into a standard classroom.

**Direct Value**

Teachers and students now share an advanced academic environment. Teachers utilize the available technology for enhancement of their presentations, and improvement of control and evaluation processes. They can now deviate from traditional teaching styles to ensure the understanding of essential concepts (Students are now able to access more information by engagement). It is now an "across the board" experience where the students are actively involved in the learning environment. The technology exposure is just as integral to their growth.

In an era where computers are the gateway to the future, the knowledge gained from the direct experience of mobile computing becomes priceless: greater student attention span, improved attendance record, better quality of work and presentation of homework, improved understanding of concepts, elevated level of computer competency, to name a few...



