

PARTNERS IN PROGRESS

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Welcome to the First Edition!

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Welcome to B.TEC's Quarterly Update for our 'Partners in Progress'. The intent of this quarterly newsletter is to report on developments, innovations and events within B.TEC - focusing, in particular, on the interests and achievements of our Partners. It is intended as a partial record of the pursuits, accomplishments and actions with which B.TEC is engaged, as well as a space of acknowledgement for the

hard work of our B.TEC Partners within the community. This is our first issue (or prototype!) - Future issues will include specific highlights of B.TEC accomplishments.

and substantially increasing their commitment.

* Thank you to Logic Communications for hosting and providing their wonderful portal product for our use.

Highlights.....

* Kudos to the Ministry of Education and Developments and the Bermuda Government for making B.TEC a line item in the annual Capital Budget

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Table of Contents

Welcome to B.TEC.....	1
ISTE Certification.....	1
Board of Education Presentation.....	2
Computer Lab Dedication.....	2
Upcoming Events.....	3
Task Force in Focus.....	3
Faces of B.TEC.....	4



ISTE Certification

B.TEC is proud to announce that the IT curricula, developed in collaboration with Stanford University, has received the Seal of alignment from the International Society for Technology in Education (ISTE). This recognition and certification signifies that the curricula meets or exceeds the alignment requirements set by the National Education Technology Standards (NETS),

developed for the US Department of Education. The ISTE Standards are now considered to be **the** International Standard for technology fluency. The B.TEC curriculum, presently, is the **only** ISTE certified curricula in the world.

the development of the IT curricula by Stanford University through its partnership with B.TEC. Business has a large stake in the future of Education and possesses the skills that schools need to manage innovation, technology and change. We must work in partnership with the public school system to ensure their transformation and to sustain their relevance in the rapidly evolving information age."

To quote Phil Butterfield, Chief Operating Officer of the Bank of Bermuda: "The Bank of Bermuda Foundation has been pleased to underwrite



What is ISTE?

ISTE is a nonprofit professional organization with a worldwide membership of leaders and potential leaders in educational technology. They are dedicated to providing leadership and service to improve teaching and learning by advancing the effective use of technology in K-12 education and teacher education. They provide their members with information, networking opportunities, and guidance.

Board of Education Presentation

DID YOU KNOW?

There are over 2796 students who have taken B.TEC courses!

On Wednesday, November 19, 2003, B.TEC was invited by the Chairman of the Board of Education, Mr. Phil Butterfield, to provide an overview and update presentation to its membership. The meeting was expanded to include the Boards of Governors of both the Berkeley Institute and CedarBridge Academy, and the Executive PTSA members from the Senior

and Middle Schools.

The presentation was well received, with a variety of areas, leading to further discussion. Participants encouraged B.TEC to further develop its public relations as the whole community needs to know what is being done for Bermuda's youth. Additionally, it was recommended that B.TEC commission a third party study of its program to

give additional credibility to its already stellar results.



Computer Lab Dedication – KPMG Recognition



KPMG, a new B.TEC partner, donated a first-class computing facility complete with Compaq computers, LCD projectors and printers to CedarBridge Academy. KPMG's considerable investment was based on a visit they made to CedarBridge earlier this year. Special thanks to Ralph Richardson for his dedication to the initiative by escorting stakeholders on site tours within the school so that they may experience first hand the success of B.TEC. KPMG experienced the excitement of both teachers and students in a collaborative learning

environment but realized the computer science lab needed to be upgraded to deliver the advanced courses that were recently certified by ISTE.

Additionally, technicians from KPMG donated the expertise that set up this facility and has designated staff from their organization to support the operational function of the lab in the future. Greg Haycock, Senior Partner at KPMG states: "KPMG is especially committed to youth development and education in Bermuda and it is the hope of the partnership that

this contribution to the new computer facility will go a long way to support Bermuda's efforts in building a strong, skilled and productive workforce which will be able to meet the challenges of Island's growing and evolving economy."

Minister of Education and Development, Paula Cox, commented: "Partnerships and good relationships with the business community are essential and we are thankful and grateful to B.TEC and our corporate partner, KPMG, for their efforts in making this computer lab a reality."



From left to right: Mr. Greg Haycock (KPMG Partner) Ms. Kalmar Richards (Principal) and The Hon. Paula Cox JP, MP (Minister of Justice and Education)



Upcoming Events... *Mark your calendars!*

2004

January

- “Ensuring Bermuda’s Future” Potential Partners’ Breakfast
- IECF International Symposium – “Bridging the Digital Divide”

February

- Media Partnership Luncheon
- NPTA (National Parent Teacher Association) Presentation
- B.TEC Parent’s Night

March

- Meeting the Future Leaders of Bermuda Networking Event



Task Force in Focus

The success of B.TEC rests greatly with its Task Force structure. B.TEC’s Task Force, mandated to create a vision, and design and implement the comprehensive technology plan, is comprised of a Steering Committee overseeing five representative committees:

- **The Infrastructure Committee**
Serves to provide the requisite infrastructure on a sustainable basis at each public school and between schools and administrative buildings to ensure that the capacity to deliver is established and future curricula is provided without limitation to all students.
- **The Curriculum Committee**
Serves to develop a well-structured, dynamic and modular world-class curriculum which surveys the broad spectrum of the field of Information Technology.
- **The Staff Development Committee**
Serves to create a self-sustaining training model which ensures that both teachers delivering and education officers supporting Information Technology curricula are well-trained, well-informed and are knowledgeable about foundational, current and emerging technologies and concepts.
- **The Evaluation Committee**
Serves to establish a comprehensive, standards-based accountability and evaluation system to measure student learning as identified by the IT curriculum and to assist in providing resources for assessment methods, tools and protocol development in areas related to Information Technology.
- **The Collaboration Committee**
Serves to build solid, sustainable alliances and partnerships with all stakeholders, creating a synergy that establishes a mutually beneficial relationship providing the necessary expertise and resources for the successful integration of technology into Bermuda’s public school classrooms.

Emma was born and raised in New York City. By the time she was eighteen, she was ready for a change, and so she decided to head to California to attend Stanford University. She had never taken a computer science class before arriving at Stanford, but in the spring of her freshman year she joined a group of her friends to take the introductory programming class because she had heard great things about the professor who was teaching it that term. Within a few days Emma was hooked, not only because the rumors were true and the professor's enthusiasm for the subject was contagious, but also because she found herself addicted to the problem solving nature of programming. During sophomore year, when the time came to choose a major, Emma knew she wanted to continue studying computer science, but she had always been drawn to many different subjects. She was excited to find that Stanford had designed an interdisciplinary major only a few years before called Symbolic Systems, which combined Computer Science, Philosophy, Linguistics, and Psychology. She started on that path, choosing philosophy as her undergraduate focus, but also completing a minor in computer science. After graduation, she headed off on her own with a backpack and a guidebook to spend an incredible five months traveling through Australia, Thailand, and the United Kingdom. She then returned to California and lived in San Francisco for two years working for a small consulting firm. It was quite by chance that she heard of the opportunity for someone from Stanford to go to Bermuda with the B.TEC program. She saw a notice about it that looked as if it had been directed to her -- when she told friends about it they said, "They should have just put `looking for Emma Lozman" instead!". "Do you like computer science? Teaching? Traveling to new places? Enjoying the sunshine?" it said. When she discovered Eric Roberts, professor at Stanford University, was involved, she was all the more interested, and applied right away.



And now, here she is, very excited to be contributing to such an innovative and valuable project. "I've been enjoying my days in the schools very much and have been impressed by the amazing work students are doing and by the enthusiasm of all the teachers"