

e-Learning in the Philippines

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Ma. Mercedes Rodrigo

Policy Framework

www.gov.ph

- Medium Term Development Plan 2001-2004
 - ICTs as tool for sustainable development
 - build the country's strengths in ICT towards global competitiveness and building a knowledge-based economy

- FIT-ED Report



The screenshot shows the official government portal of the Philippines. The header includes the logo and the text "www.gov.ph The Official Government Portal of the Republic of the Philippines". Below the header is a navigation menu with links for Home, About the Philippines, News, SONA Updates, Directory, eServices, Jobs, Forum, and Multimedia. A sidebar on the left lists various categories, with "Education" circled in red. The main content area features a large image of a person in a classroom and a headline: "GMA to educators: 'Make I.C.T. the focal point in your innovative approach to education'" dated December 6, 2004. The article text discusses President Arroyo's challenge to educators to embrace ICT in basic education.

e-Learning Development Issues

- Access
- Quality
- Pedagogy



Policy Framework

IT and e-Commerce Council (ITECC)

- Created 12 July 2000
- Chaired by the President of the Philippines
- Government and Private sector representatives
- www.itecc.gov.ph



Policy Framework

IT and e-Commerce Council (ITECC)

- Business Development Committee
- Information Infrastructure Committee
- Legal and Regulatory Committee
- eGovernment Implementation Committee
- Communications Committee
- Human Resource Development Committee
 - Develop policy and programs on **e-learning**
 - Develop guidelines on enhancement of **Basic Education**
 - Develop programs on government/private sector initiatives in increasing supply of **IT skills**
- Abolished 20 July 2004



Policy Framework



Commission on ICT (CICT)

- Created 20 July 2004
- Primary policy, planning, coordinating, implementing, regulating and administrative entity for ICT of the Executive Branch of the Government
- Centralize all ICT and ICT-related programs and projects, functions and initiatives in one government agency



Policy Framework



Commission on ICT (CICT)

- National Computer Center (NCC)
- Telecommunications Office (TelOf)
- Department of Transportation and Communications (DOTC) operating units which directly support Communications (e.g., the Telecommunications Policy and Planning Office)
- Affiliated offices
 - The National Telecommunications Commission (NTC)
 - Philippine Postal Corporation (PPC)



Policy Framework

- ICT development should:
 - Have close coordination between the government and the private sector
 - Be private sector-led and government-enabled

Access

Policy Framework



Department of
Education



Commission on
Higher Education



Technical
Education and
Skills
Development
Authority





Policy Framework

Department of Education

- 2002 Basic Education Curriculum
- Teacher training
 - Content-based instruction
 - Thematic teaching
 - Cooperative learning
 - Integration of local content, culture and resources
 - Utilization of instructional materials
 - Assessment
- Teaching of computer skills
- Integration of ICT in the curriculum
- www.deped.gov.ph



Policy Framework

Department of Education

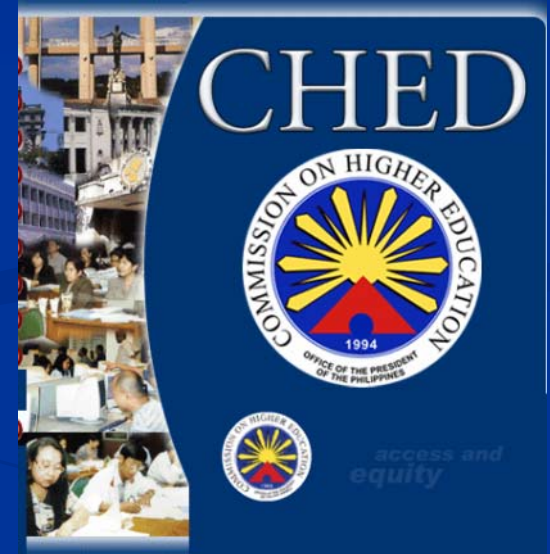
- Policy directions for ICT use in Primary and Secondary Schools (F. Abad, Secretary, 6 Dec 2004)
 - Create and promote a relevant curriculum
 - Improve capacity of teachers to teach with and about technology
 - Ensure accessibility and availability of ICT by engaging stakeholders
 - Support school-based ICT integration programs



Policy Framework

Commission on Higher Education

- CMO 5, s. 2002 Moratorium on the Opening of Programs via the Open Learning and Distance Education (OL/DE) both Print and Non-Print Mode and the Monitoring and Evaluation of all Higher Education Institutions offering OL/DE Programs
 - Technical Panel of Reviewers for Open Learning / Distance Education Programs
- CMO 19, s. 2002 Extension of the Monitoring and Evaluation Period of All Higher Education Institutions Offering OL/DE Programs
- CMO 6, s. 2003 Policies and Guidelines on Transnational Education
- www.ched.gov.ph





Policy Framework

Technical Education and Skills Development Authority

- Encouraging use of online courseware
- Promotion of IT jobs
- e-Services
 - Online enrollment
 - Online applications for competency assessment
- www.tesda.gov.ph



Issues

- Computer: student ratio
- Information literacy
- Pedagogy



eLearning Initiatives (Partial List)

- Government
 - Schools, universities and training institutions
 - Non-government organizations
 - Professional organizations
 - Industry
- * Partnerships among agencies

Department of Education

www.deped.gov.ph

- Training teachers on computer literacy, innovative teaching strategies and integration of ICT in curriculum
- Electronic library systems
- Computer procurement
- Computer donations



Department of Science and Technology – Science Education Institute

www.sei.dost.gov.ph

- Computer donations
- Mobile IT classroom

The screenshot shows the homepage of the Science Education Institute (SEI) website. The header features the DOST Service Institutes logo, navigation menus for 'DOST Agencies' and 'DOST Regional Offices', a search bar, and the Philippine flag. A secondary navigation bar includes links for 'DOST HOME', 'DOST-MAIL', 'DOWNLOADS', 'RELATED LINKS', 'SITE MAP', and 'FAQ'. The main banner displays the SEI logo and the text 'SCIENCE EDUCATION INSTITUTE'. On the left, a yellow sidebar contains a vertical menu with links: Home, About SEI, Programs & Projects, Publications, News/Press Archive, Message Board, Procurement, SEI Bulletin, and Contact Us. Below the menu is a search bar for SEI. The main content area features a 'News Feature' section with a yellow arrow icon. The featured article is titled 'Hitch your Way to Science and Mathematics Learning through the Mobile IT Classroom' by Ruby Cristobal, S&T Media Service. The article text describes the Mobile IT Classroom (MITC) as a special bus that provides access to information technology for underprivileged schools, bridging the digital divide. A photograph of the MITC bus is shown, with 'MOBILE I.T. CLASSROOM' written on its side. On the right side of the page, there is a 'SCIENCE NOW EDUCATION' logo and a 'NEWS ARCHIVE' section with links for '2001' under both 'NEWS ARCHIVE' and 'PRESS RELEASE ARCHIVE'.

DOST
Service Institutes

DOST Agencies ▼ DOST Regional Offices ▼ Search DOST

DOST HOME DOST-MAIL DOWNLOADS RELATED LINKS SITE MAP FAQ

SCIENCE EDUCATION INSTITUTE

Home
About SEI
Programs & Projects
Publications
News/Press Archive
Message Board
Procurement
SEI Bulletin
Contact Us

Search SEI

Scholarship Programs

S&T Info Resources

SPAS

S&T Careers Information


News Feature

Hitch your Way to Science and Mathematics Learning through the Mobile IT Classroom

by Ruby Cristobal, S&T Media Service

Who said students in the elementary schools in the far-flung areas can never have access to computers? Nowadays, even remote schools in CARAGA, CAR and those in Regions 1, 2, 5 and 8 get the chance to use computers to teach children basic and enrichment lessons in science and mathematics. The Mobile IT Classroom (MITC), a special bus loaded with laptop computers, audio-visual equipment and learning software, goes around designated areas in the regions on schedule to make science learning through computers fun and easy. Four units have been deployed since 1999 and have so far served more than 160,000 students by the end of 2001.

The Mobile IT Classroom is a novel approach to providing the underprivileged schools with access to information technology thereby bridging the digital divide. When handled by trained teachers, the MITC modules can effectively speed up the learning of science and mathematics.



SCIENCE NOW EDUCATION

NEWS ARCHIVE
▶ 2001

PRESS RELEASE ARCHIVE
▶ 2001

Department of Science and Technology – Advanced Science and Technology Institute www.asti.gov.ph

.PREGINET



University Initiatives

- AMA Computer University
- Ateneo University
- Colegio de San Juan de Letran
- De la Salle University
- Don Bosco University
- Mapua Institute of Technology
- STI Education Group
- University of the East
- University of the Philippines
- University of Santo Tomas

School Initiatives

- Public schools
 - DepEd initiative
 - Context-based school initiatives
 - Private schools
 - Context-based school initiatives
- * Level and degree of implementation varies widely depending on availability of resources, training of teachers, and other factors



Pilipinas Schoolnet

www.pilipinasschoolnet.org



The vision of Pilipinas SchoolNet is to build a network of schools throughout the Philippines that will leverage the Internet and related technologies to improve teaching and learning and to better prepare the Filipino youth to meet the demands of the knowledge economy. Pilipinas SchoolNet is committed to addressing the Digital Divide within the country--between those who have access to the Internet and those who do not--by promoting the effective and sustainable use of computers and the Internet in schools, particularly those in underserved communities.

- HOME
- WHAT'S NEW
- NEWS & FEATURES
- SCHOOLS
- TELECOLLABORATIVE PROJECTS
- RESOURCES
- LINKS
- HOW TO JOIN
- ABOUT US
- ABOUT OUR PARTNERS
- CONTACT US
- EMAIL LOGIN

SEARCH

Submit

[Advanced Search](#)

Last Update : Dec 03, 2004

What's New

[ELC Project Websites Published](#) NEW

Date Posted : 2004-03-31 01:00:33

Despite the hectic schedule, teachers and students alike have been striving to publish their outputs from ELC projects in their very own websites. Here are a few websites made by E-Learning Club students and teachers!

[How can we improve?](#)

Date Posted : 2003-03-21 02:30:45

www.pilipinasschoolnet.org is your website. [Tell us](#) what you like and do not like about it.

[Download Extension Training Program](#)

Date Posted : 2002-10-05 10:13:58

Download a copy of the Coca-Cola ed.venture Extension Training Program schedule by going to the [news article](#) and clicking "File Downloads".



News And Features

News

[1st National ICTs in Education Congress Cebu City](#) NEW

Date Posted : 2004-12-03 07:58:12

[PRESIDENT ARROYO is Keynote Speaker in 1st National ICTs in Basic Education Congress](#) NEW

Date Posted : 2004-11-17 09:08:01

President Arroyo to grace the 1st National ICTs in Basic Education Congress to be held in Cebu City on December 6 and 7, 2004

[Instructional Design Workshop conducted for ed.Venture Teachers](#) NEW

Date Posted : 2004-03-15 01:10:57

The 3rd phase of the ed.Venture workshop for teachers presented various teaching methods using computers and the Internet to effectively integrate ICTs into the curriculum

Features



[ELC Project Websites Published](#) NEW

Date Posted : 2004-03-31 00:42:19

Despite the hectic schedule, teachers and students alike have been striving to publish their outputs from ELC projects in their very own websites. Here are a few websites made by E-Learning Club students and teachers!

Foundation for IT Education and Development

www.fit-ed.org



Priming the Philippines for the Information Age

Priming the Philippines for the Information Age

- About FIT-ED
- Programs & Projects
- e-ASEAN Task Force
- FIT-ED Officers
- Links
- Contact Info

 e-ASEAN task force

Mark your calendars! [MindShare](#) is celebrating its 4th Anniversary! **MindShare 20** is on Wednesday, 11 August 2004, 5-7pm at the ABS-CBN Caserom, G/F AIM campus (not ACCEED), Paseo de Roxas, Makati City. Joby Lizares will speak on the Philippine Emerging Startups Open (PESO) initiative. [Sign up](#) for the newsletter to get the schedule of MindShare activities. Questions, comments, potential presenter? [Contact us](#).

 ed.venture

What's the state of ICT use in our public high schools? [Read](#) FIT-ED's **Survey of Information and Communication Technology Utilization in Philippine Public High Schools** written by FIT-ED's Director for e-Learning, Victoria L. Tinio. The report was commissioned by Japan's Center for International Cooperation for Computerization.

 PILIPINAS SCHOOLNET

Please help **Pilipinas SchoolNet**! Click [here](#) to see how you can assist **Pilipinas SchoolNet** public high schools complete their Internet centers.

Financing Schemes

- People's PC program – less than P15,000
- PCs for Public School Teachers – P900 per month

Philippine eLearning Society

www.elearning.ph



Philippine eLearning Society

[Home](#)

[About PEELS](#)

[Membership](#)

[Activities](#)

[eSeminars](#)

[Contact Us](#)

[Conferences](#)

→ [2002 National Conference](#)

→ [2003 National Conference](#)

→ [2004 National Conference](#)

Educational institutions in the Philippines are experiencing paradigm changes brought about by increasing availability of various educational technologies, particularly computers and the Internet. It therefore becomes important for practitioners in this field of education to examine issues related to eLearning in order to ensure that objectives are met in a wide variety of educational settings. In this way, eLearning can fulfill its promise of being an efficient and effective method of upgrading the knowledge and skills of Filipino learners in a knowledge society.

eLearning is a generic term for all technologically supported learning using an array of teaching and learning tools that utilizes electronic media such as phone bridging, audio and videotape, videoteleconferencing, satellite broadcast and the more commonly recognized forms of web-based training or computer aided instruction also commonly referred to as online courses.

- The Technical Committee of Reviewers for the Delivery of Open Learning and Distance Education, Commission on Higher Education (2003)

The Philippine Society of Information Technology Educators

www.psite.org

PSITE

The Philippine Society
of Information
Technology Educators

"Promoting quality information technology education"

Wednesday, December 15,
2004 3:45:38 PM

psite

About
PSITE Board
Committees
Home Page
Contact

membership info

PSITE Constitution
Institutional Members
Individual Members
Registration Form

activities

Monthly Seminar/Workshop
NCITE 2004 Conference

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Microsoft

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**NATIONAL CONFERENCE ON
INFORMATION TECHNOLOGY EDUCATION
2004**

PSITE NCITE 2004



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UNIVERSITY OF THE CORDILLERAS
UNIVERSITY OF BAGUIO
BAGUIO CITY

National Conference
on
Information Technology Education
2004

Philippine Business for Social Progress

www.pbsp.org.ph

- Center for Corporate Citizenship
 - Shaping the Future through Science and Computer Education

PROMOTING BUSINESS SECTOR COMMITMENT
TO SOCIAL DEVELOPMENT

News @ PBSP

- * S&T Livelihood Center opens in Cavite
- * Surge Corporation (Branch) joins PBSP
- * Abano receives Lavinia Domingo Award to Ambassador Ten

philippine business for social progress

member of
World Council for Corporate Citizenship

Intel + DepEd

www97.intel.com/education/teach

- Teach to the Future
- Philippine Science Fair

The screenshot shows the Intel Education website interface. At the top, there is a navigation bar with the Intel logo, 'US Home | Intel Worldwide', and links for 'Where to Buy | Training & Events | Contact Us | About Intel'. A search bar is located on the right side of the top bar. Below the navigation bar, there is a horizontal menu with categories: 'Resource Centers', 'Products & Services', 'Solutions', 'Technologies & Trends', and 'Support & Downloads'. The main content area features a large banner for 'Intel® Teach to the Future' with a photo of three people in a classroom setting. To the left of the banner is a vertical navigation menu for 'Intel® Innovation in Education' with sub-items like 'Learning With Technology', 'Thinking Tools', 'Professional Development', 'Science & Math', 'Learning Anytime', 'Learning About Technology', 'Intel Global Commitment', 'Intel® Higher Education Program', 'Recognition of Excellence', and 'User Support'. Below the banner, there is a 'Worldwide Availability' section with a 'Select location' dropdown menu. To the right of this section is a 'Quick Facts' box containing three bullet points: 'Over ONE MILLION teachers in 30 countries have been trained', 'Two million teachers are expected to be trained by 2005', and 'Both In-Service and Pre-Service programs are provided'. At the bottom left, there is a section for 'The Intel® Innovator' newsletter.

intel. US Home | Intel Worldwide Where to Buy | Training & Events | Contact Us | About Intel

Search Advanced

Resource Centers Products & Services Solutions Technologies & Trends Support & Downloads

Intel® Innovation in Education

- Learning With Technology
- Thinking Tools
- Professional Development
- Science & Math
- Learning Anytime
- Learning About Technology
- Intel Global Commitment
- Intel® Higher Education Program
- Recognition of Excellence
- User Support

Intel® Teach to the Future

Worldwide Availability

Select location

Select a location for Intel Education

United States

Search Intel Education

Search

The Intel® Innovator

A quarterly newsletter about Intel® Innovation in Education programs, tools, and

Worldwide Professional Development

Intel® Teach to the Future is a worldwide effort to help both experienced teachers and Pre-Service teachers integrate technology into instruction to develop students' higher-level thinking skills and enhance learning. Participating teachers receive extensive instruction and resources to promote effective technology use in the classroom.

Teachers learn from other teachers how, when, and where to incorporate technology tools and resources into their lesson plans. In addition, they experience new approaches to create assessment tools and align lessons with educational learning goals and standards. The program incorporates use of the Internet, Web page design, and student projects as vehicles to powerful learning.

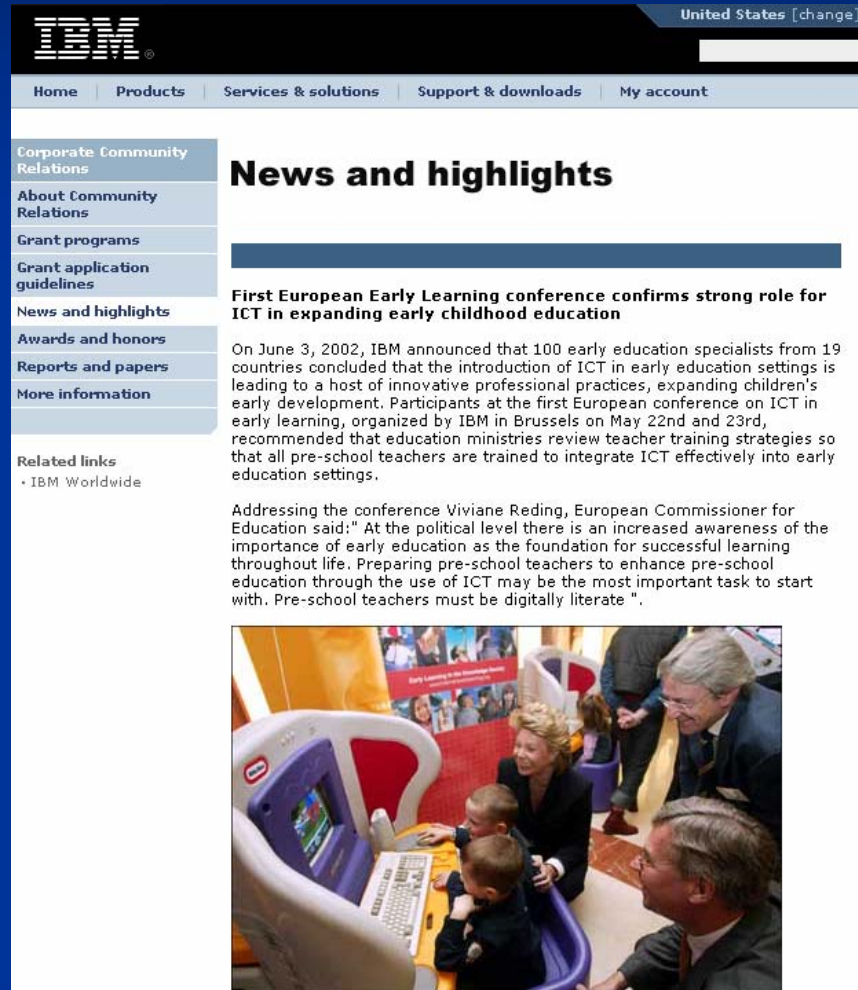
Quick Facts

- Over ONE MILLION teachers in 30 countries have been trained
- Two million teachers are expected to be trained by 2005
- Both In-Service and Pre-Service programs are provided

IBM's

www.ibm.com

- KidSmart Program
- Exite
- IBM@school

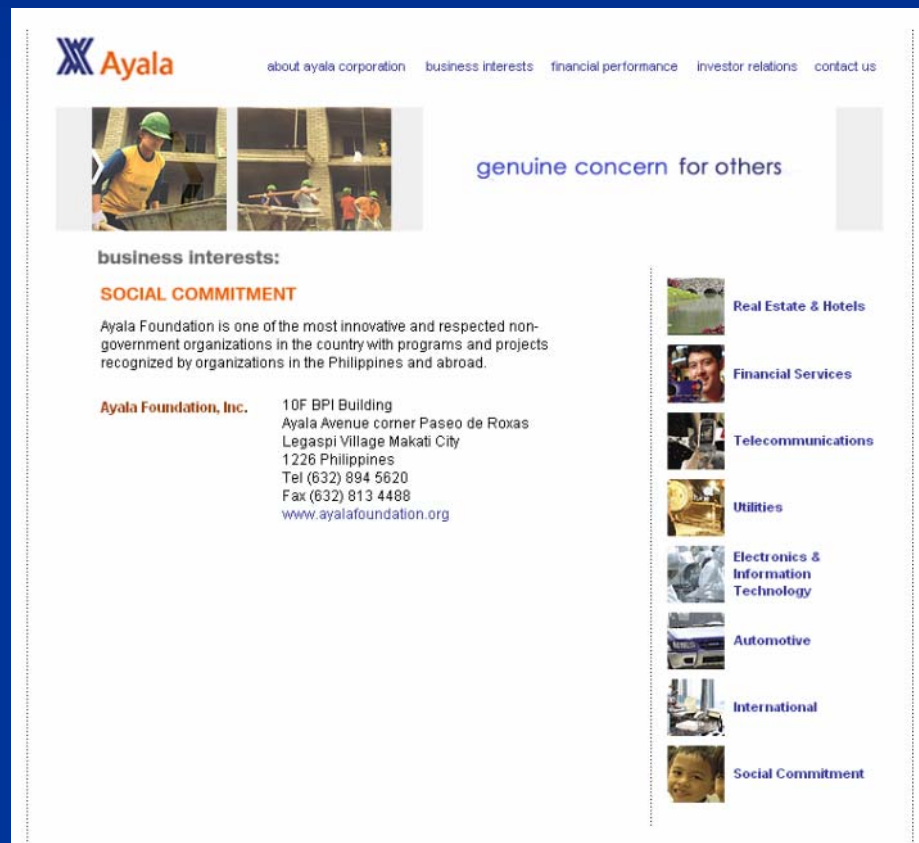


The screenshot shows the IBM website interface. At the top right, there is a language selector for "United States [change]". Below this is a navigation bar with links for "Home", "Products", "Services & solutions", "Support & downloads", and "My account". On the left side, there is a vertical menu with the following items: "Corporate Community Relations", "About Community Relations", "Grant programs", "Grant application guidelines", "News and highlights", "Awards and honors", "Reports and papers", and "More information". Below the menu, there is a "Related links" section with a link to "IBM Worldwide". The main content area features a "News and highlights" section with a sub-header "First European Early Learning conference confirms strong role for ICT in expanding early childhood education". The article text states: "On June 3, 2002, IBM announced that 100 early education specialists from 19 countries concluded that the introduction of ICT in early education settings is leading to a host of innovative professional practices, expanding children's early development. Participants at the first European conference on ICT in early learning, organized by IBM in Brussels on May 22nd and 23rd, recommended that education ministries review teacher training strategies so that all pre-school teachers are trained to integrate ICT effectively into early education settings." Below the text, there is a quote from Viviane Reding, European Commissioner for Education: "At the political level there is an increased awareness of the importance of early education as the foundation for successful learning throughout life. Preparing pre-school teachers to enhance pre-school education through the use of ICT may be the most important task to start with. Pre-school teachers must be digitally literate". At the bottom of the article, there is a photograph showing a group of people, including children and adults, gathered around a computer workstation in a classroom setting.


Ayala Foundation + DepEd + Nokia + SEAMEO Innotech + Globe + PMSI Dream Broadcasting + Chikka Asia

www.ayala.com.ph

■ Text2Teach



Ayala [about ayala corporation](#) [business interests](#) [financial performance](#) [investor relations](#) [contact us](#)









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-  **International**
-  **Social Commitment**

Knowledge Channel

www.knowledgechannel.com.ph

The screenshot shows the Knowledge Channel website interface. At the top left is the Kich logo. The date "Wednesday, December 15, 2011" is displayed next to it. The main header reads "KNOWLEDGE CHANNEL". Below the header, a tagline states: "The first and only all-educational grade-level channel in the Philippines".

On the left side, there is a vertical menu with several options, each with a corresponding icon: "Moments" (a yellow diamond with a black silhouette of a person walking), "Programs" (a red apple), "Fund Raising" (a white wrench), "About Us" (a blue globe), "Partners" (a green graduation cap), "Contact Us" (a blue envelope), "Advertise" (a red and white sign), and "Join Us" (a red and white sign).

The central area features a large image of a mobile phone displaying a family photo. To the right of the phone, the text reads: "text CHILD 5 to 2366". Below the phone image is a "Register" button.

On the right side, there is a section titled "THE KNOWLEDGE CHANNEL FOUNDATION". The text below reads: "The Knowledge Channel Foundation Inc. (KCFI), a non-stock, non-profit corporation registered with the Securities and Exchange Commission, has been in operation since 1999. KCFI, formerly Sky Foundation Inc, was founded by [Rita Lim](#) in 1999 as a response to the urgent need to improve the quality of education and create an impact on the public educational system." Below this text is a "Register" button.

At the bottom right, there is a promotional banner for "Maligayang Pasko sa Purong Bahay" featuring the Kich logo and a Santa hat.



Coca-Cola + Mirant Foundation

<http://www2.coca-cola.com/>

- Courseware development
- Training courses
 - Teacher training
 - Administrator training
 - Technician training
- ICT planning and management

The screenshot displays the Coca-Cola Company website's Education page. At the top, the Coca-Cola logo is prominently featured in white on a red background. Below the logo, a navigation bar includes links for 'our company', 'citizenship', 'brands', 'heritage', 'investors', 'press center', 'careers', and 'contact us'. The 'citizenship' link is highlighted. A secondary navigation bar shows 'CITIZENSHIP' and a 'Print Version' link. The main content area is titled 'EDUCATION' and features a sub-heading 'Coca-Cola The Promise of e-Learning'. Below this, there is a photograph of a group of students in a classroom setting. To the right of the photo, there are two paragraphs of text. The first paragraph discusses the importance of ICT education in the Philippines. The second paragraph describes the Coca-Cola ed.venture program, which aims to provide internet-based educational resources to rural students and teachers. Below the text, there is a section for selecting an education program, featuring a drop-down menu labeled 'SELECT A PROGRAM' and a 'go' button. At the bottom of the page, there are links for 'Site Map' and 'Store', a search bar with a 'go' button, and a small Coca-Cola logo.

Microsoft + PBSP + DepEd

■ Partners in Learning



The screenshot shows a Microsoft Internet Explorer browser window displaying the 'Partners in Learning' page. The address bar shows the URL: <http://www.microsoft.com/Education/PartnersinLearning.aspx>. The page features the Microsoft logo at the top left, a search bar, and a navigation menu for 'Education'. The main content area includes a header image of a woman with the title 'Partners in Learning' and a paragraph explaining the initiative's goal to bridge the digital divide. Below this, there is a yellow box with the text 'Greetings, I am the future.' and a list of two key components: the 'Partners in Learning Grants Program' and the 'Fresh Start for Donated Computers' program.

Microsoft
Education

Education Home | Schools | Higher Education | College Students | Site Index | Education Worldwide

Instructional Resources
Workforce Development
Solutions
How to Buy
Education Programs
Product Resources
Education Partners

About Microsoft in Education

Partners in Learning

Despite real improvements in access to, and use of, information and communication technology around the world, there is a wealth of evidence to suggest that the digital divide between and within countries is growing. Many less affluent areas of the globe continue to lack basic access to technology and training, widening the gap across communities in quality of life, competitiveness, and economic development.

In response to this significant challenge, and as a demonstration of its ongoing commitment to education and learning, Microsoft has launched a new global initiative called Partners in Learning.

Under Partners in Learning, Microsoft is partnering with Government, Ministries of Education, and other key stakeholders to offer a spectrum of education resources—tools, programs, and practices—to empower students and teachers to realize their full potential. The fundamental premise of this vision is that technology in education can be a powerful catalyst to promote learning and that education changes lives, families, communities, and ultimately nations. Partners in Learning includes three key components:

- [Partners in Learning Grants Program \(348 KB Microsoft Word file\)](#)
These grants will provide investments to create a sustainable model for improving the use of technology in teaching and learning.
- [Fresh Start for Donated Computers](#)
This program provides primary and secondary (K-12) schools with Microsoft Windows 98 or Windows 2000 licenses for donated PCs at no charge.

Done Internet

Conferences, Meetings and Competitions

- National Youth Dialogue on ICT for Development (2003)
- First Nationwide Youth Wireless Programming Competition (2003)
- Microsoft Office Olympics (2003)
- 4th RP Computing Science Congress (2003)
- National Summit: Filipino Youth in ICT (2003)

Conferences

- National Conferences on eLearning
 - *Philippine eLearning Society*
- 2002 - eLearning in a Knowledge-based Society
- 2003 - Integrating eLearning into Education and Industry
- 2004 - Human Development Through Networked Knowledge



Conferences



- 1st National ICTs in Basic Education Congress
 - Foundation for IT in Education and Development, DepEd, UP Open University, Coalition for Better Education
 - Cebu, December 6-7, 2004

Conferences

- 2nd National Conference on Distance Education
 - UP Open University
 - Manila, February 22, 2005

Creativity, Collaboration, and Convergence



in Distance Education

February 22, 2005

STTC, NISMED, University of the Philippines,
Diliman, Quezon City

- Sharing new knowledge, skills and developments
- Discussion of major implementation issues
- Discussion of research methods and directions in Distance Education
- Networking among practitioners

Thank you!