


# **e-IMPACT**

**A Quality Alternative Delivery  
System for Elementary  
Education**


**What is e-IMPACT?**

**enhanced  
Instructional  
Management by  
Parents  
Community and  
Teachers**

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- **e-IMPACT is a technology-enhanced alternative learning delivery mode for basic education.**



**It was developed to address high student population and high percentage of dropouts.**



**It is a management system where the parents, teachers and community collaborate to provide the child with quality education at less costs.**

# e-IMPACT: Edge over Traditional

## On Students

- Higher level of cognitive skills in Filipino, English, Science and Mathematics
- Maximize learning depending on one's skills and pace



Develops in students the following:

- Social Sensitivity

- Motivation to learn and study

- Self-confidence and Self-reliance

- Sense of Responsibility and  
Commitment

- Leadership

# e-IMPACT: Edge over Traditional

For Teachers

- Less teaching load
- New skills and knowledge learned

# **For School and Community**

- The school as a community learning center**
- Increased National Achievement Test (NAT) results**
- A community of concerned and responsible students, teachers and parents.**

# Principles of e-IMPACT

- 1. Children become active participants of the learning process.**

## Three Primary Modes of Delivery

- Programmed Teaching
- Peer Group Learning
- Individual Study

# Programmed Teaching



# Peer Group Learning



# Individual Study



# Principles of e-IMPACT

2. **Learning materials are based on the national curriculum standards of the Department of Education.**
  - **PRODED**
  - **NESC- New Elementary School Curriculum**
  - **BEC- Basic Education Curriculum**
  - **PELC- Phil. Elementary Learning Competencies**



# Curriculum enhancements


- Use of audio tapes in English, Science, Mathematics and Filipino
- Use of Information and Communications Technology (ICT) in teaching the lessons.

# Technological enhancements in e-IMPACT



# Principles of e-IMPACT

3. The essence of education is the learning process.
  - Education in the e-IMPACT system encourages and develops in the children the skill to learn independently and eventually become self-and lifelong learners.

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- E-IMPACT also encourages peer learning and peer mentoring as important strategies for empowering learners as active partners in the instructional process.

# Principles of e-IMPACT

4. Learning can take place anywhere.
  - Learning is not confined in the classrooms.
  - Learning Kiosks provide alternative learning venues for Peer Groups.

# Peer group learning in a Learning Kiosk



# Peer group learning can happen anywhere...




**However, ...the peer group should be situated near their Instructional Supervisor (IS) so that s/he can do periodic checking on the group's progress.**



# Principles of e-IMPACT

5. Multiple entry and exit
  - The e-IMPACT system provides dropouts and slow learners the opportunity to continue their education.
  - It takes into consideration the context of the students and allows them to enter and exit when necessary.

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- Students may re-enter and continue to learn until they pass the evaluation and obtain a certificate in elementary education.

# Principles of e-IMPACT

6. Progress of learners is based on individual mastery and speed.
  - Students learn independently at their own pace.
  - The system recognizes individual differences and each student's potential.
  - e-IMPACT develops in children an intrinsic motivation to learn.

# Principles of e-IMPACT


7. Education is a socializing and leadership training process.
  - Group Learning is the primary mode of learning.
  - Students interact and help each other to learn.
  - Students in levels 4, 5 and 6 play the role of Programmed Teachers who lead the groups of levels 2, 3 and 1 respectively in the learning process.
  - As Programmed Teachers and Peer Group Leaders, students develop leadership skills.

A Peer Group Leader in a demo class  
with his teachers = develops the child's  
self-confidence



## Principles of e-IMPACT

8. Instructional Management and Delivery of Instruction is not only the responsibility of the teachers, but of the parents and community as well.

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- Community and parental participation is more substantial and technical.
  - Parents are encouraged to assist their children by tutoring them at home and monitoring their progress.
  - Skilled workers in the community may contribute by sharing their expertise to the students.
  - Use community resources to aid in educating the children.

# Continuous school-based teacher conferences



# Teachers of Alegria Learning Center e-IMPACT



# E-IMPACT Tarlac Teachers and School Heads during their training in the e-IMPACT System, 25-31 October 2010




**Cantile Teachers and School Head, Administrators from Neighboring Schools and DepED Officials of DepEd Dumaguete City during their Transition Ceremony, 6 November 2010**



# Principles of e-IMPACT

9. The teacher is the manager of the learning process.
  - The teacher becomes the Instructional Supervisor in the e-IMPACT system.



The role of the teacher shifts from directly teaching the students to:

- (1) facilitating the learning process, and
- (2) managing the resources of the school

# An e-IMPACT Classroom



# An e-IMPACT Classroom



# An e-IMPACT Classroom



**How does e-IMPACT work?**

# What is the new class set up?

- Class sections become “families”.
- Levels 1 to 6 are combined in one family.
- Each family is composed of 40 to 50 students
- One Instructional Supervisor (IS) may handle 2 families
- Total pupils for one IS should not exceed 120

# How are students grouped into families?

- Friends, neighbors and siblings are grouped together in the same family.
- The composition of a family is heterogeneous. There is a mix in gender and ability levels.

# What are the new roles of the faculty?

- Instructional Coordinators
- Instructional Supervisors
- Resource Teachers
- Testing Teachers

# What are the new roles of the students?

- **Programmed Teachers**
- **Peer Group Leaders**
- **Life-long Learners**

# What are the new roles of members of the community?


- **Instructional Supervisor's (IS) Aide**
- **Tutors**

# What are the phases of installation of the e-IMPACT program?

- Information Dissemination and Advocacy
- Consultation Meetings with Teachers, Parents and Community
- Training of Teachers
- Module Development and Production
- Recalibration of Classrooms
- Logistical Preparations
- Program Launch

## How much does it cost to convert a school system to e-IMPACT?

- Converting the conventional school system to e-IMPACT costs millions.
- Each student is provided with a complete set of modules per subject.
- Classrooms are reconfigured to match the requirements of the system.

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- Instructional materials to be used for the whole school year must be prepared ahead especially those to be used by the programmed teachers.

# What does it take to convert the school system into e-IMPACT?

- Openness to change and innovation
- Collaboration among teachers, parents and the barangay
- A sense of responsibility and commitment to quality and sustainable education

# Comparative Analysis

## e-IMPACT School

- 1:120 maximum teacher-pupil ratio
- Modules/Pupil on 1:1 ratio
- Learning kiosks are additional classrooms
- Comprehension, not memorization
- Knowledge coverage
- Teachers no longer need to write lesson plans

## Conventional School

- 1 teacher handles up to 60 pupils in a single grade level
- Insufficient books
- Insufficient classrooms
- Rote memorization
- Materials coverage
- Teachers need to write daily lesson plans

# Comparative Analysis

## e-IMPACT School

- Modules are RBEC aligned
- Instructional Coordinator
- Instructional Supervisor
- No dropouts
- Progress is based on mastery of content
- 100% class participation assured
- Modules are main instructional delivery tool
- Modules changed only when DepED curriculum changes

## Conventional School

- Books are RBEC aligned
- School Head or Principal
- Teacher
- Has dropouts
- Progress is based on grades in exams
- Class participation not 100%
- Teachers are main instructional delivery tool
- Textbooks change yearly (?)

# Comparative Analysis

## e-IMPACT School

- Community Learning Center
- Multiple entry and exit
- Group learning is primary mode of learning
- Parents and other community members are learning partners
- Concomitant learnings assured

## Conventional School


- School
- Single entry and exit
- Group learning is only for certain subjects
- Parents and other community members are sources of funds
- Concomitant learnings not assured

# Criteria for Successful e-IMPACT Schools

- School head and teachers open to innovations and accept challenges to change.
- Supportive parents, community leaders, LGUs and stakeholders.
- Space for learning kiosks if there are insufficient number of classrooms.
- Modules on a 1:1 ratio with pupils.
- Sufficient instructional materials.
- Continuous training of programmed teachers and peer group leaders.



*"It takes a whole village to educate the child."*



**Teachers, parents,  
members of the community, and  
other key stakeholders  
make e-IMPACT work.  
This is our gift to our children  
and contribution to society.**



Thank You and Mabuhay!!!!