

Fr. Benigno P. Beltran, SVD

CONVERGENCE THEORY OF LEARNING FOR ALS

Reinvigorating second chance education to activate students
in the Fourth Industrial Revolution



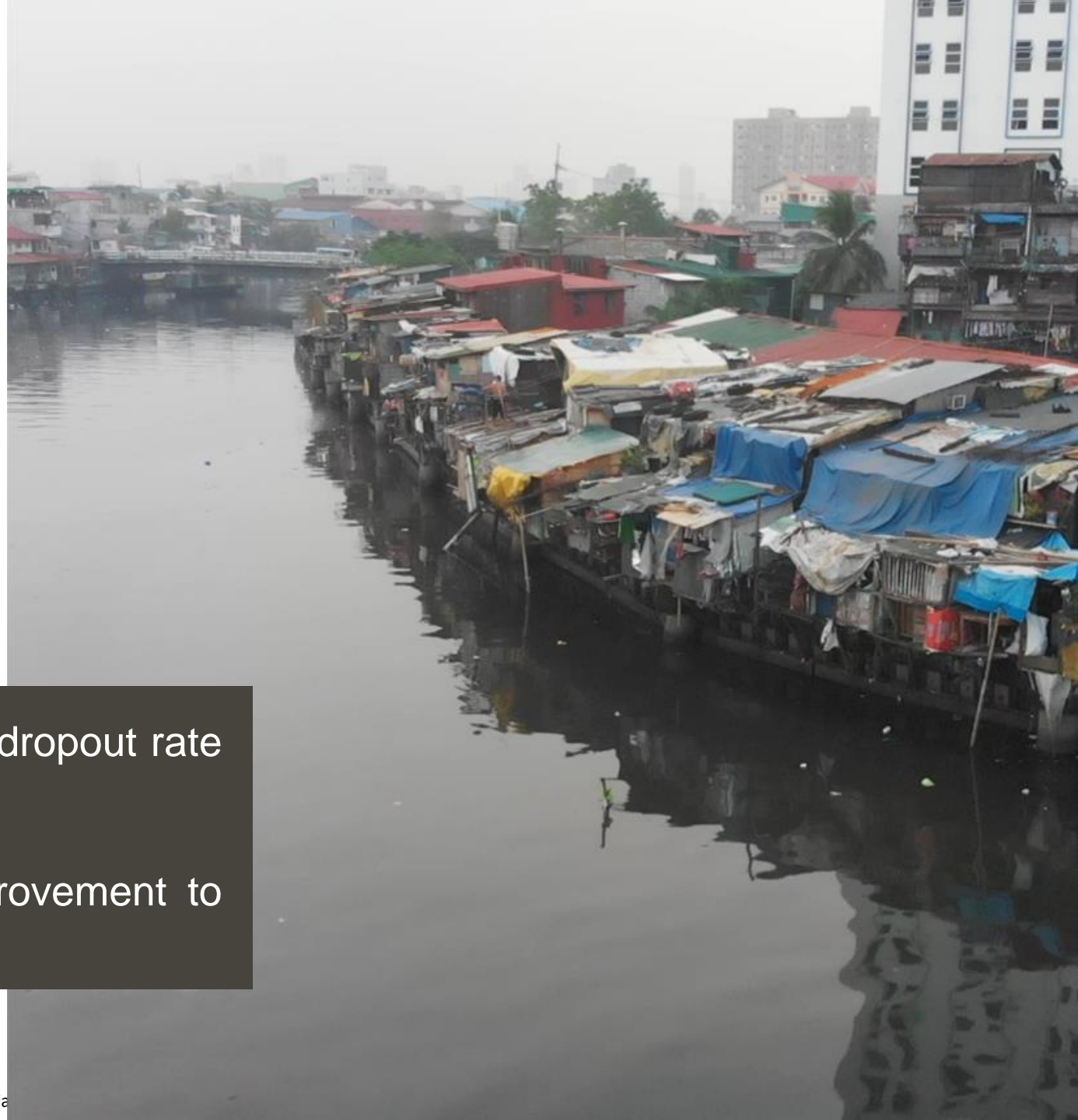


Our Main Goal

To build a wholistic, digital, and experience based learning environment that is fit for today's age and demands. **DIGITAL LEARNING FOR THE DIGITAL NATIVES!**

WHAT DRIVES US

- The ALS program experiences a high dropout rate among grades 11 and 12 students.
- Our current facilities need much improvement to uphold digital learning.



PISA 2018

PROGRAMME FOR INTERNATIONAL STUDENT ASSESSMENT of 15 year old students



Mathematics

353 points vs 489 points average, ranked second to the lowest of 79 countries



Science

357 points vs 489 points average, ranked second to the lowest



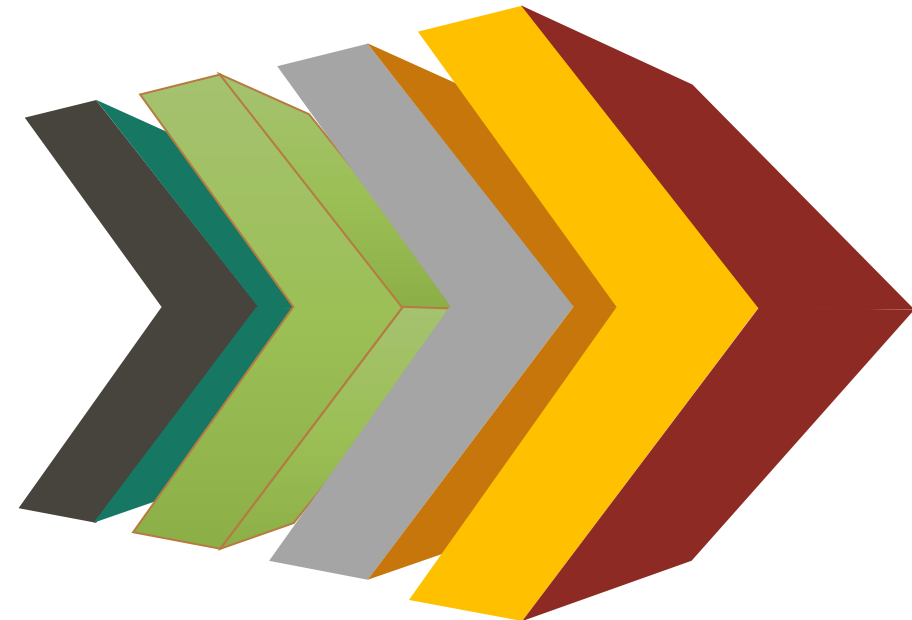
Reading

340 points vs 487 points average, lowest ranked

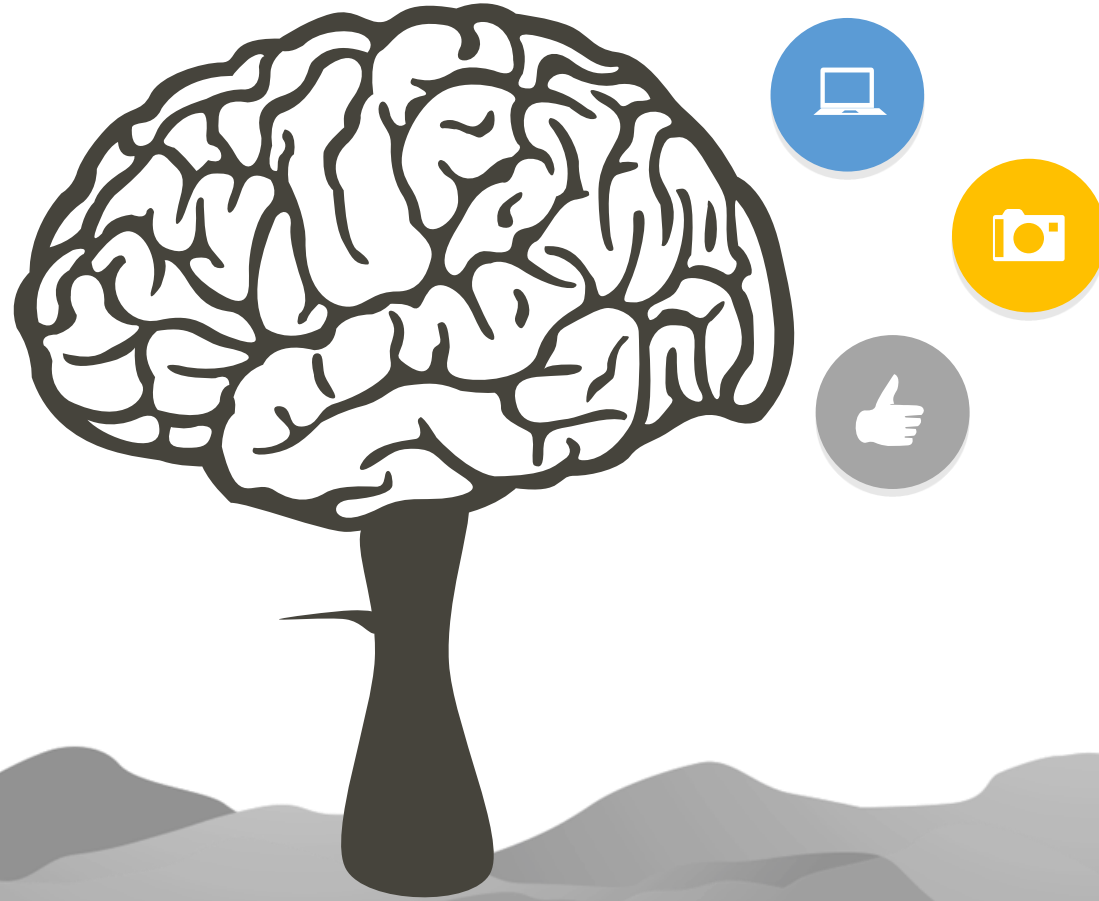


Final Result

All below the average of participating Organisation for Economic Co-operation and Development (OECD) countries.

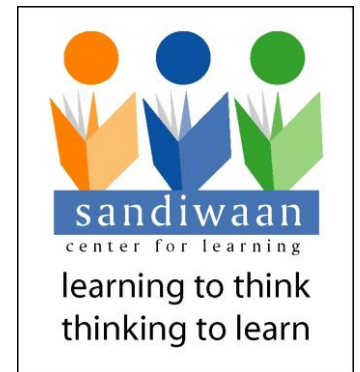


7.5% of young
Filipinos HAVE
THOUGHTS OF
SUICIDE
(UP INSTITUTE OF
POPULATION STUDIES)



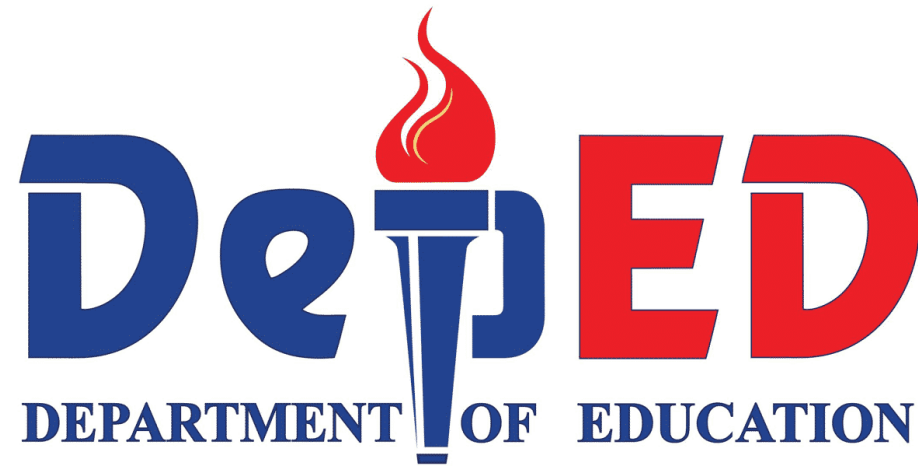


CONVERGENCE THEORY OF LEARNING



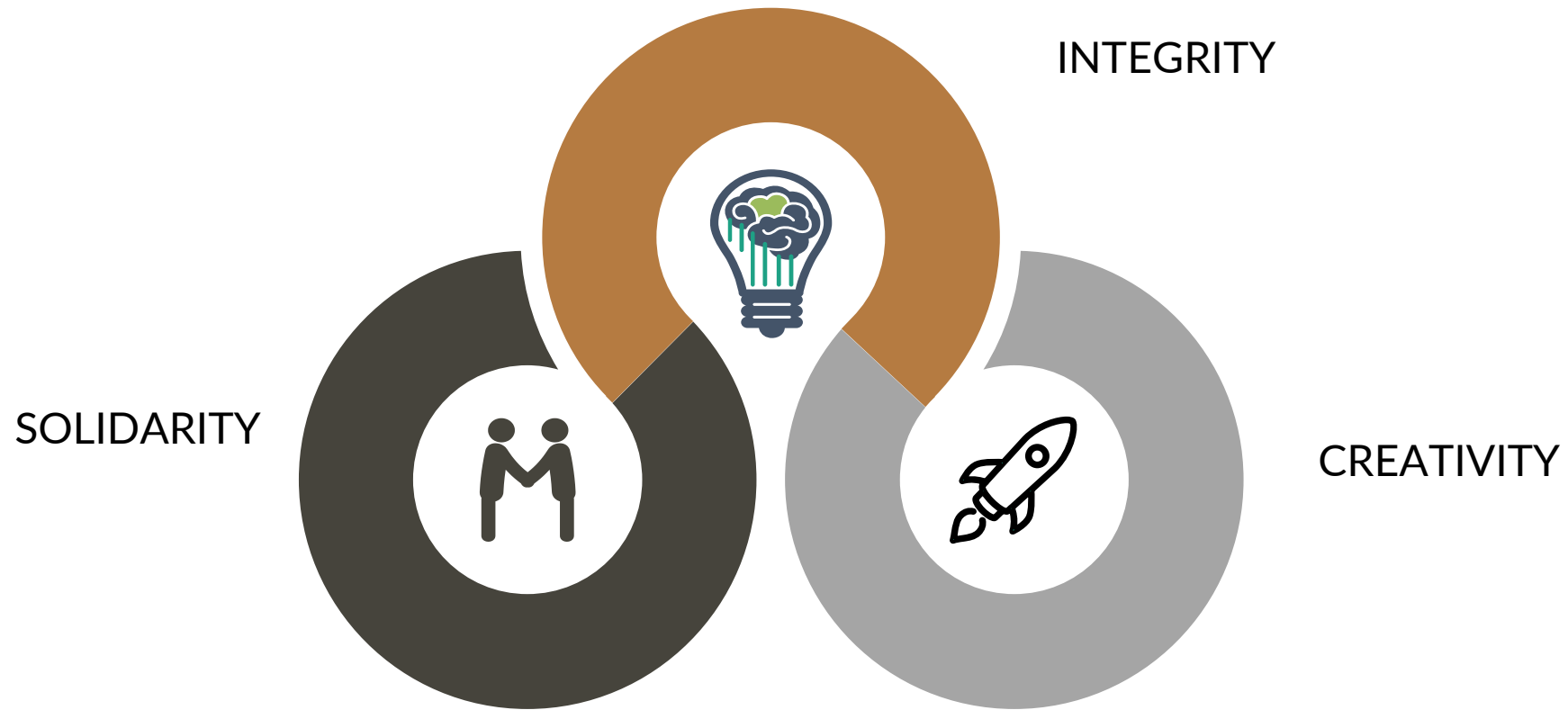
The CTL believes that schools should **teach students how to become better human beings** and for them to thrive in VUCA (Volatile, Uncertain, Complex, and Ambiguous) circumstances.

In Partnership with the Department of Education



“ Let’s Take a Coffee Break ”

CORE TENETS



3 WAYS OF THINKING

USING 3 GENERAL APPROACHES



POINTS OF ACTION

CURRICULUM

Digitizing the ALS Curriculum and infusing it with elements from the Convergence Theory of Learning

ALS TEACHERS

DepEd ALS Teachers must be upskilled on Instructional Design, Integrating ICT in Instruction, and the Convergence Theory of Learning



ALS STUDENTS

ALS Learners will learn and gain knowledge, skills, and attitudes through various approaches in a blended learning program designed to be adaptive and personalized for each learner.

STRUCTURE

Develop a virtual learning environment that aggregates all teaching and learning activities for DepEd ALS using a multimodal approach.

CURRICULUM

CELL ANIMATION

Digitization of the ALS Modules

[Click Here](#)

CTL anchors on teaching tools which today's youth respond to. The goal is to veer away from memorization and transferring information that children can easily search by Google. Instead, the child will learn through activities that are highly motivational and engaging.



Adaptation of The Social Emotional Learning (SEL) Journey



Using ORIGINAL SONGS that portray the lives of children from the garbage dump of Smokey Mountain, students participate in and navigate through dynamic individual and group activities. These help them analyze their individual strengths and teach them valuable lessons on how they can integrate better in groups - as productive members of society.



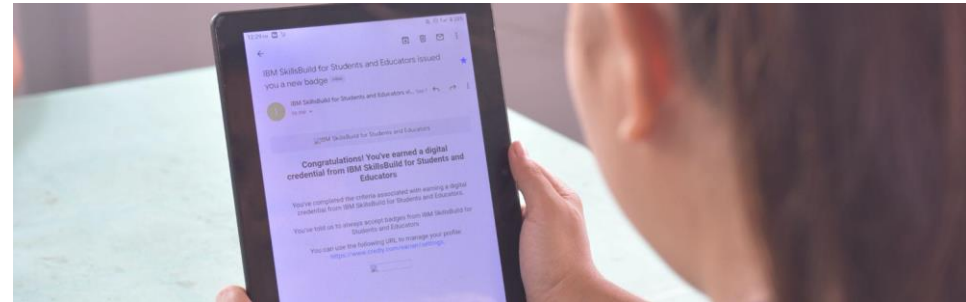
IBM SKILLSBUILD AND MINECRAFT EDUCATION



COMPUTER CLASSROOM UNDER CONSTRUCTION



Future Computer Classroom for an immersive digital learning experience and access to online learning tools



GARNERING BADGES



We have observed that ALS students responded well in digital modules that come free such as IBM Skillsbuild - an online learning facility that teaches digital skills that are foundational for the workplace.

[Click Here](#)



Facilities Improvement

Transforming the Space into a
21st Century Learning Facility

Building and Architecture



Container Van Hydroponics

Developed in Partnership with Maersk for Proper Nutrition of the students





Sandiwaan Center For Learning Project Update

2022
onwards

We have a long way to go before completion but your support will hopefully take us to the finish.

Maria Angelica Solomon

Program Graduate

- “The Sandiwaan Center for Learning introduced us to the ALS program where undergraduates like me can attain a High School Diploma and finish junior high school.”
- “In 2018, I graduated with a degree in Hotel & Restaurant Management from Eulogio "Amang" Rodriguez Institute of Science and Technology (EARIST) and I'm currently working as a Pastry Cook/Baker at Bread Talk.”

“There are more than ten million Filipinos 15-29 years old who have not finished high school. I would like to ask the Dept. of Education in the Philippines to increase the budget for the ALS program so that they can have the same chance I got. I also pray that the use of computer-based learning like the one promoted by the Sandiwaan Center for Learning will receive more assistance.”





Funding or Project Partners

WE NEED YOU

FACILITIES CONSTRUCTION

Completion of our School
Building for learners ages 3 to
5 and the ALS out-of-school
youth

MODULES DEV'T

Digitization and ideas
development to enhance our
Convergence Theory of
Learning Curriculum

DIGITAL PARAPHERNALIA

Computers and tablets for
our 200 students

Our Contact



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Location

Sandiwaan Center for Learning,
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Balut, Tondo, Manila



Thank You

Fr. Benigno Beltran, SVD