



learning to think  
thinking to learn



# The Digital Transformation of Learning

Online Education Programs for School Dropouts  
During the Pandemic

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Sandiwaan Center for Learning







# Convergence Learning Theory

The CTL believes that schools should **teach learners how to become better human beings.**

They should be guided by values that can help assure that the evolution of the human race will continue. Therefore, the fundamental educational objective of the CTL is the **inculcation of the values of integrity, solidarity and creativity.**

Developing 3 Ways Of Thinking

**SYSTEMS**

**CRITICAL**

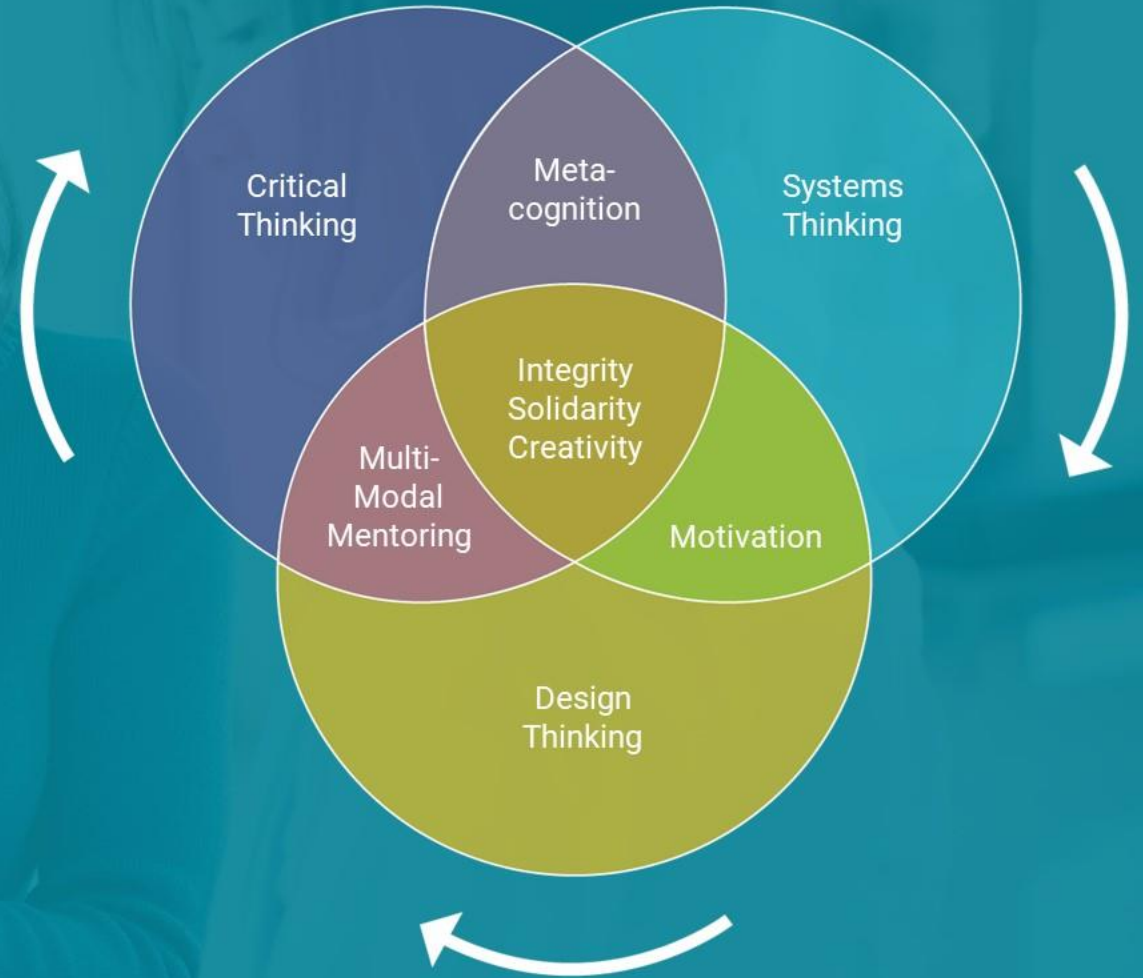
**DESIGN**

Using 3 General Approaches

**MOTIVATION**

**META-COGNITION**

**MULTI-MODAL MENTORING**

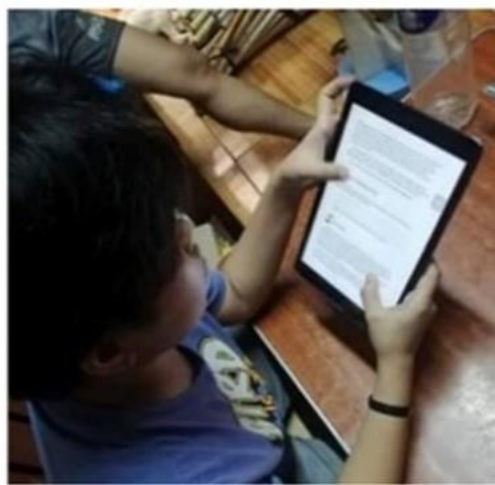
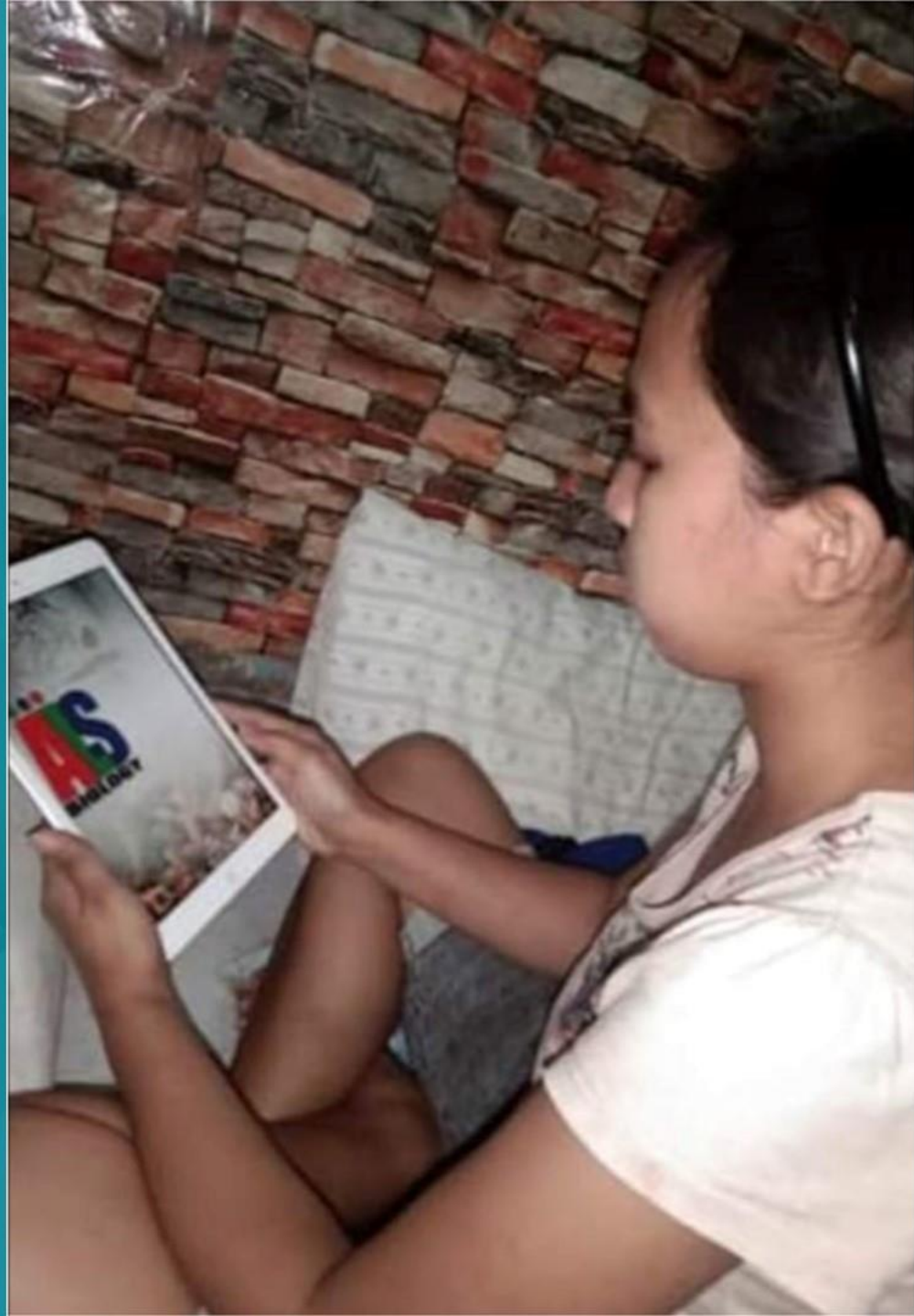




# Challenge

- 1 Isolation: Many ALS learners are disconnected due to circumstances and Covid.
- 2 Many learners are unsure about how to pursue their educational goals.
- 3 There is a need to support teachers as they help learners.











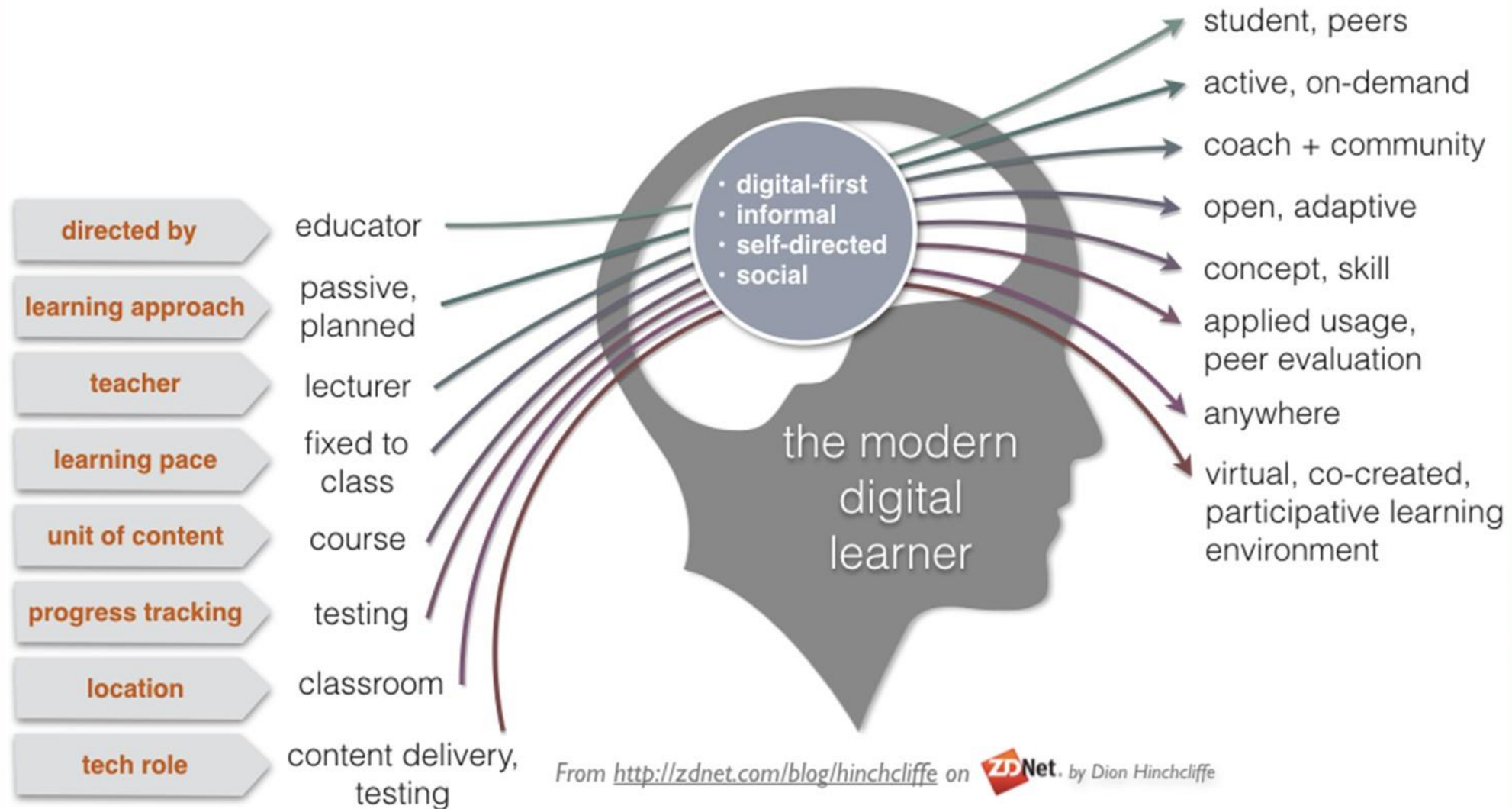
# Goal

- 1 Learners are connected to peers, mentors, and teachers in their learning.
- 2 Learners can easily find resources and submit evidence of learning.
- 3 Learners are part of a digital community where knowledge is shared.





# The Digital Transformation of Learning



# Build a fully online learning environment for Learners in Deped ALS





# ALS Learners



Track progress & learning activities



Digitize RPL, ILA, FLT & Personal Portfolio  
(if and when applicable)



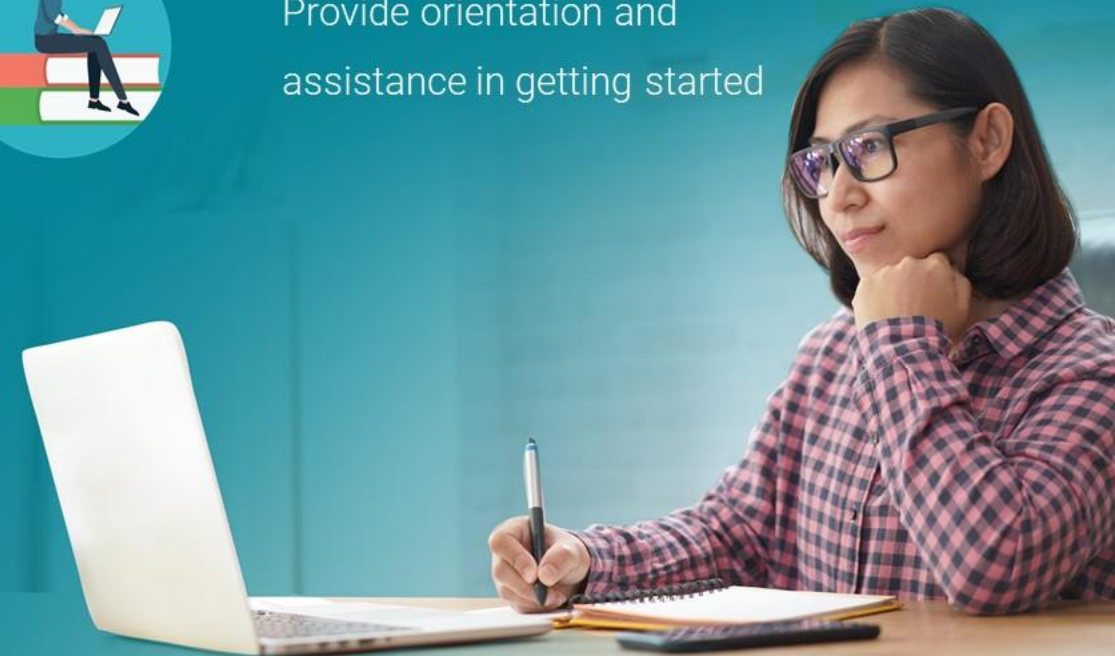
Create a group of volunteer mentors to help motivate learners



Provide orientation and assistance in getting started



Provide reviews and test preparation modules to improve NCR ALS Equivalency passing rate



# ALS Learning Modalities



## OFFLINE

Access via community learning centers  
Digital or printed modules  
Depend on ALS TV



## LIMITED ONLINE

Access to shared device  
Limited internet connection  
Depend on ALS TV



## FULL ONLINE

Computer internet  
connection  
Depend on ALS TV



# Structure

## VIRTUAL LEARNING ENVIRONMENT

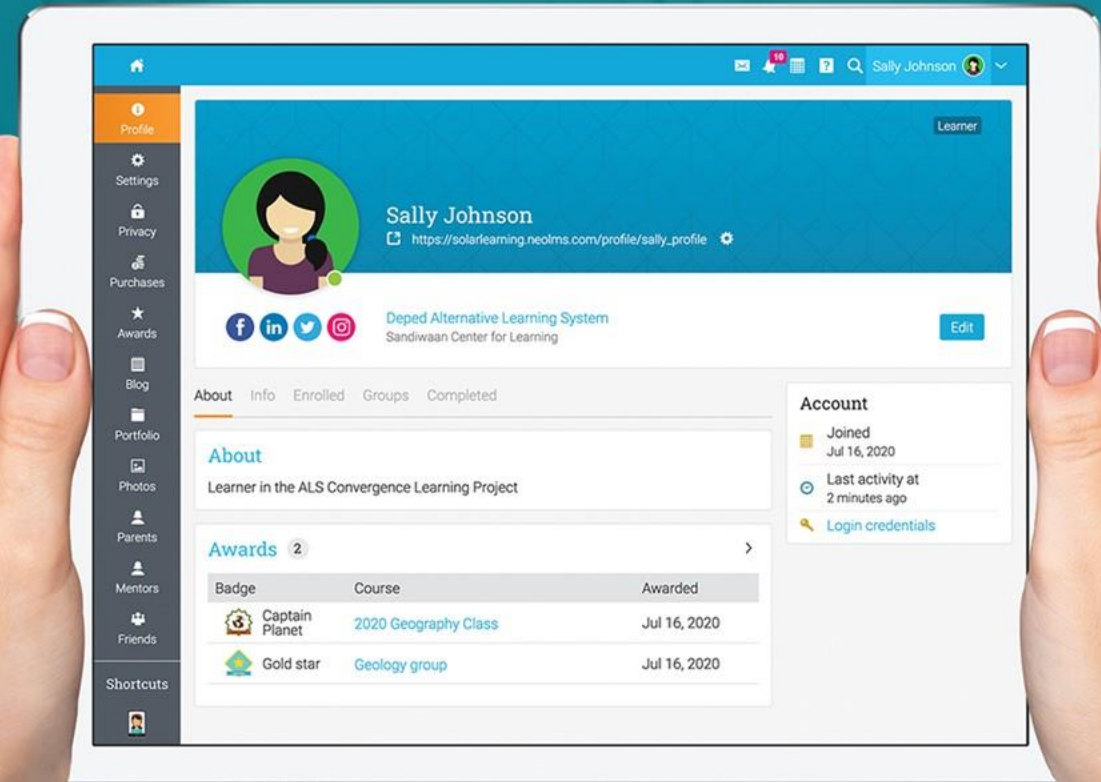
Use a learning management system to track all learning activities both online and offline.

## MULTI-MODAL ACCESS TO LEARNING CONTENT

Make learning available via digital (internet), broadcast, or offline using mobile devices

## MULTI-MODAL ASSESSMENT

Learners can take online tests, submit evidence of student work online or via designated ALS Learner workstations within the baranggays.



# VIRTUAL LEARNING ENVIRONMENT

NEO

by CYPHER LEARNING



2021



# ALS Teachers



## PROFESSIONAL DEVELOPMENT

Train all ALS teachers on the use of digital tools, instructional design, and CTL



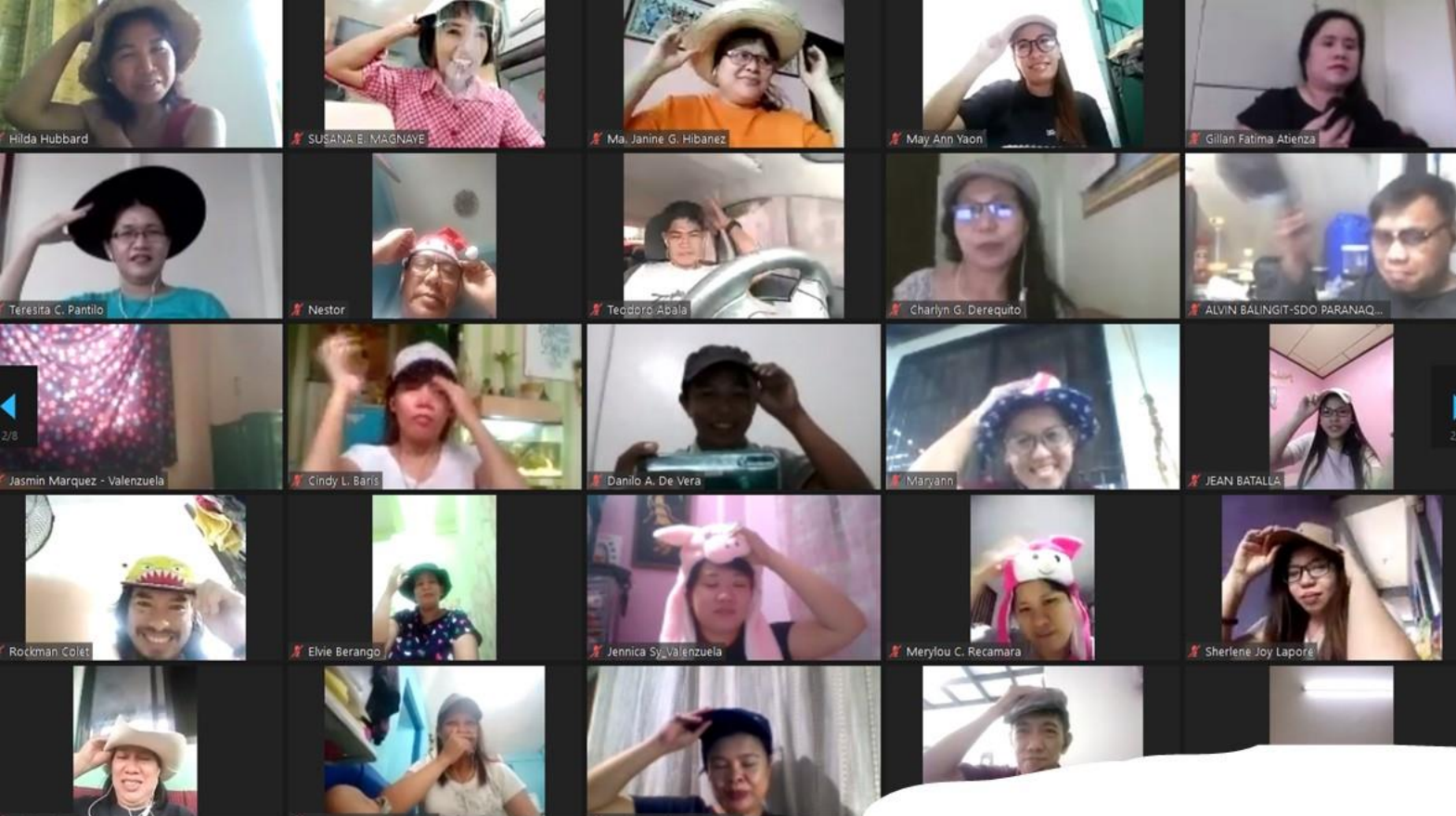
## E-MENTORING

Provide mentors who are SMEs in ICT, Pedagogy, and content area



## DIGITAL COMMUNITY BUILDING

Cultivate a community of practice (COP) among ALS Teachers



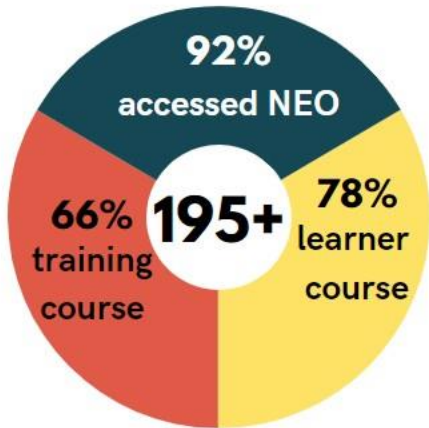
# ALS Teacher Training





# ALS Teacher Training

## NEO LMS Training



## ID, Online Teaching & CTL Training

**4 SESSIONS  
8 HOURS**

Dynamic Training and learning activities on ID, OT and CTL designed by Dr. Lilia Juele

## ALS PDF Module Upload

**98%**

All ALS A&E modules for the five learning strands have been uploaded.

AFBM PDF modules are also available.

## Digitalization of Assessments in ALS Module

**811**

online quizzes have been created by ALS teachers

# Emergence

Where are we? Who am I?

# Divergence

Where do I want to go?

# Convergence

How do I get there?



Mapping the ALS Learner Journey via Convergence

Theory of Learning







## Where are we?

We aim to help ALS learners get their bearings on how they continue learning in the “new normal”.

Objective: Learners understand the different learning modalities and the new ALS learning experience



## Who am I?

After learning the spaces where they will interact, learners need to begin to feel comfortable learning in this new dynamic and building their self-concept in the digital space.

Objective: Learners begin to build establish behavioral patterns conducive to learning and begin to build a digital identity.



## Where do I want to go?

Learners increase access on learning content and assessments begin

Objective: Learners begin to map their individual learning goals based on ALS competencies



## How do I get there?

Learners begin to practice EST skills and prepare portfolio and exam readiness

Objective: Learners work on the strands to prepare for A&E accreditation



## Where are we?

Objective: Learners understand the different learning modalities and the new ALS learning experience

### Modality Process Mapping

Document the ALS learning and teaching process in the three modalities (offline, limited, and fully online)

### Teacher Training

Teachers will be trained on how to manage ALS learners and guide them in the learning activities.

### Structure ALS DLC

Configure NEO LMS and Deped TV Channel to provide ALS Digital Learning Community with ALS teachers, learners, mentors, and admins per division.

### Student Orientation

Conduct a massive student orientation online





## Who am I?

Objective: Learners begin to establish behavioral patterns conducive to learning and begin to build a digital identity

### Learner Profile

Learners see how to build a profile on NEO from instructions on TV.

### Initial Assessment

Learners with online access can securely take the RPL and FLT online using NEO assessments.

### Portfolio

Learners build a digital portfolio of work on NEO









### Self-Exploration


Online and onTV modules on SEL and digital citizenship aid learners on self-discovery.




# ALS LEARNER PROFILE

ALS Digital Learning Community


Jose Rizal




Profile




Settings




Privacy




Awards




Blog




Portfolio




Photos



Friends



Jose Rizal

Your public profile is not activated 

Sandiwaan Center for Learning

Learner

Edit



AboutInfoEnrolledGroupsCompleted

### About


Pinakapoging bayani ng Pilipinas.


### Awards


3

Badge	Course	Awarded
 Leadership	A&E JHS Learning Strand 1	Oct 22, 2020
 Positive attitude	Getting Started for Learners	Oct 26, 2020




### Account

 Joined Oct 22, 2020

 Last activity less than a minute ago

 Login credentials









### Sandiwaan Legends


 5 None




# ALS LEARNER PROFILE

ALS Digital Learning Community


      Jose Rizal  




Portfolio


 Add


Use your portfolio to store copies of valuable resources including graded assignments.


 Remove


☐ Resource


☐  My ALS Forms

☐  My Learning Activities


☐  A&E JHS Learning Strand 1

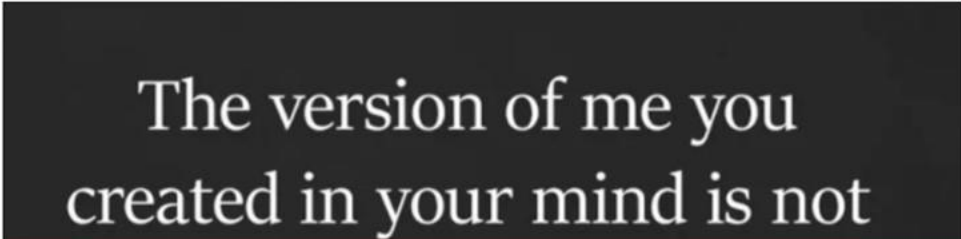
☐  Getting Started for Learners


☐  Hour of Code 2020


☐  Inspirational Quote


Inspirational Quote


 /files/8339980/Screenshot\_616.png





 Profile


 Settings


 Privacy

 Awards

 Blog

 Portfolio

 Photos

 Friends



## Where do I want to go?

Objective: Learners begin to map their individual learning goals based on ALS competencies.

### Learning Goals

Learners, with the aid of teachers, can plot their learning goals in a digital ILA.

### Build Learning Communities

Build groups online on various areas (Job skills training, Entrepreneurship, Computers, Cooking, Gaming, Career, etc).

### Mentoring Program

Connect learners with mentors to aid teachers in giving guidance.


### Updates and Storytelling


Official ALS updates and inspirational ALS stories to be featured on TV.



# Goals and Groups

ALS Digital Learning Community


 Andres Bonifacio



## My Learning Goals for the Week

This week I want to learn about

- Digital Citizenship
- Environmental Causes of Diseases


 From Arlynn Aawayan @ Aug 20, 8:12 am (1 minute ago)

Hi Andres,  
Kamusta? Na-enroll na kita sa mga modules ng Digital Citizenship at Environmental Causes of Diseases.

[+ Reply](#) [Delete](#)

[Add comment](#)

Comment



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## Deped ALS Digital Community Learning Center

Enrolled

**Groups 1**

Awards


News

Welcome

Completed



Mastery

### Groups




#### Geology group

Study group



13928



Home

Catalog

Users

Resources

Shortcuts

Helpdesk

# Activities

ALS Digital Learning Community



CYPHER  
LEARNING

**Learn today,  
build a brighter tomorrow.**

HOUR  
OF  
CODE

**#HourofCode #CSforGood**



# Activities

ALS Digital Learning Community



HOUR  
OF  
CODE

## Statistics

44 students

1,099 levels

11,440 lines of code

# Mentors (for learners)

Sandiwaan is working on a global call for volunteer tutors for our ALS learners.







# How do I get there?

Objective: Learners work on the strands to prepare for A&E accreditation

## Learning Content

Create "big lessons" combining multiple modules/strands to target strategic competencies.

## Map Competency Achievement

Learners track their progress based on the target competencies with the guidance of ALS teachers.

## Mastery

Provide assessments that allow learners to continually practice and achieve mastery.

## Review Classes

Provide review and test-taking tips online and on TV.



# Mastery

ALS Digital Learning Community

Department of Education Alt...



Sultan Kudarat



Home

Department of Education Alternative Learning System



Mastery <sup>3</sup> Enrolled Groups Awards News Welcome Completed

## Mastery



### ALS JHS Curriculum

41% mastery

Details 157 competencies ^

Competency	Data points	Average %	Rating
ALSJHS. ALS JHS	4	42	Beginner
LS1CS/EN. Learning Strand 1: Communication Skills (English)	4	42	Beginner
LS1CS/EN-L. Listening: Demonstrate understanding of information heard to make meaningfu...	0	-	-
LS1CS/EN-L-PSA. Listen attentively and critically in English to be able to functio...	0	-	-



