

UNIVERSITY OF THE ASSUMPTION | School of Education | Educ 3A

# **C-EDUC10: Building & Enhancing New Literacies Across the Curriculum**

**Spring Semester AY 2022-2023**

**Session 5**

***New Literacies,  
Functional Literacy,  
and Multiliteracies***



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# Looking back...

## Skill Categories & Strands

Adapted from De Leon, E. B. (2020)



### Information, Media, and Technology Skills

1. Access and evaluate information
2. Use and manage information
3. Analyze media tools
4. Create media tools
5. Apply technology effectively



### Learning and Innovation Skills

1. Work effectively in team
2. Perform logical reasoning
3. Make sound judgment and decisions
4. Apply time-tested methods
5. Think creatively



### Communication Skills

1. Work harmoniously in group
2. Interact with peers properly
3. Use language proficiently
4. Articulate ideas creatively
5. Convince others to affirm



### Life and Career Skills

1. Champion change
2. Be adaptive and flexible
3. Manage goals and time
4. Work independently
5. Be ethically responsible
6. Solve problems

**DepEd Order No. 21,  
series of 2019**

[https://www.deped.gov.ph/wp-content/uploads/2019/08/DO\\_s2019\\_021.pdf](https://www.deped.gov.ph/wp-content/uploads/2019/08/DO_s2019_021.pdf)



### **TRUE or FALSE**

1. The genuinely intelligent person is highly knowledgeable of anything.
2. Media technology skills pertain to one's ability to access, manage, and evaluate information.
3. Learning and innovation skills relate with communication skills through the value of collaboration.
4. Independence and self-direction in solving day-to-day problems are an essential indicator of good life and career skills.
5. The K-12 competencies can be achieved best when students master the contents of the subject area being studied.



## Let's Assess our Understanding of Session 4

Let's evaluate.

### TRUE or FALSE

1. The genuinely intelligent person is highly knowledgeable of anything. **FALSE**
2. Media technology skills pertain to one's ability to access, manage, and evaluate information. **TRUE**
3. Learning and innovation skills relate with communication skills through the value of collaboration. **TRUE**
4. Independence and self-direction in solving day-to-day problems are an essential indicator of good life and career skills. **TRUE**
5. The K-12 competencies can be achieved best when students master the contents of the subject area being studied. **FALSE**



# TODAY'S SESSION OBJECTIVES



1. **Discuss the new literacies in the 21st Century and their implication for the educational curriculum;**
2. **Define functional literacy in the context of teaching and learning in the K-12 classes; and,**
3. **Characterize teaching multiliteracies in the context of cross-disciplinary approaches.**



# Literacy before the 21<sup>st</sup> Century

Reading  
Writing  
Number Sense  
**Comprehension**



# Literacy in the 21<sup>st</sup> Century

Learning  
Unlearning  
Relearning  
**Adaptation**

The literate person is competently innovative.



# Adapting to new literacies:



**Information and Media Literacy**



**Health and Safety Literacy**



**Financial and Economic Literacy**



**Ecological and Nature Literacy**



**Arts and Creative Literacy**



# Adapting to new literacies:



## Information and Media Literacy

### General Description:

It is the capacity to discover, examine, review, and create content to make people feel good about themselves and their communities (De Leon, 2020).

### Curricular Implications:

- Aside from the prescribed textbooks, curricular content can include massive access to information and media.
- Use of digital tools and online media applications as instructional support and learning assessment
- Online, electronic, and digital technology drive 21<sup>st</sup>-century learners to communicate, collaborate, and create as practiced in their curricular tasks.



# Adapting to new literacies:



## Health and Safety Literacy

### **General Description:**

It is the extent to which individuals can access, comprehend, and apply health information (Wood et al., 2023).

### **Curricular Implications:**

- Proper hygiene and sanitation to be included not only in health education but also as a value focus in selected lessons across subject areas
- Mental health has become an essential topic for intervention in rapidly evolving communities.
- Community work integrates health and safety issues and problems into the lessons.



# Adapting to new literacies:



## Financial and Economic Literacy

### General Description:

It refers to the skills, information, mindset, and actions people need to improve their financial and economic situations (OECD, 2011).

### Curricular Implications:

- Financial management standards and devices have grown with the ever-changing demands of economic development that must be introduced as early as the primary grades.
- Practical financial management applications must be a significant component of instruction and learning, transcending the usual theoretical education.



# Adapting to new literacies:



## Ecological and Nature Literacy

### General Description:

It means being aware of and caring about nature and the problems that come with it. It also means having the knowledge, skills, and motivation to work on solving problems and stopping new ones from happening (McBride et al., 2013).

### Curricular Implications:

- In co- and extra-curricular programs, laboratory learning should be included concerning issues and thrusts in sustaining flora and fauna.
- Community-based ecological tasks be used as practical learning in related courses.



# Adapting to new literacies:



## Arts and Creative Literacy

### General Description:

It entails generating valuable unique ideas and observing the world from new and exciting perspectives (Darras, 2018).

### Curricular Implications:

- This new literacy is highly applicable in any subject area. The creative outputs of the students can manifest innovative learning. Planning lessons shall include learning objectives that allow students to visualize a solution to a problem posed in class.
- Capitalize on the learners' innate creative capacities by encouraging them to collaborate with classmates to create prototypes representing their psychomotor development.





**Information and Media Literacy**



**Health and Safety Literacy**



**Financial and Economic Literacy**



**Ecological and Nature Literacy**



**Arts and Creative Literacy**

**How will schools use the new literacies for social development and economic sustainability?**

**Cross-disciplinary Teaching Approaches**



# Who is the Global Citizen?

# FUNCTIONALLY LITERATE

**Global citizens** are well-versed in the world and how they fit within it. They can be considered a global citizen when they have engaged members of society who collaborate with others to make the world a better, more equitable place (Oxfam.org.uk).



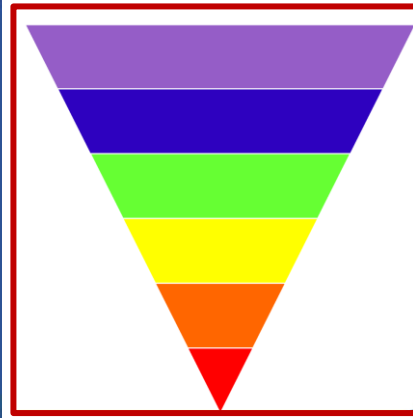
Credits to the owner of the image:  
<https://www.educatetogether.ie/update/fostering-global-citizenship/>

Attributes of the  
21<sup>st</sup>-century  
GLOBAL CITIZEN

- Conscious of social issues
- Cross-culturally literate
- Communicative
- Collaborative
- Creative



# Let's play 4 pics 1 word!



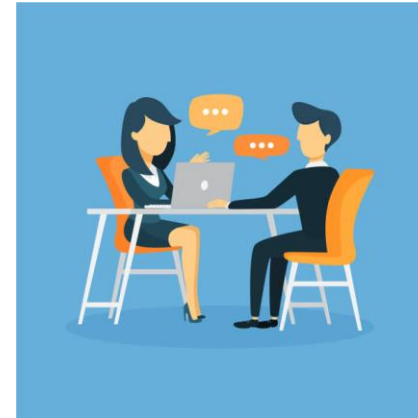
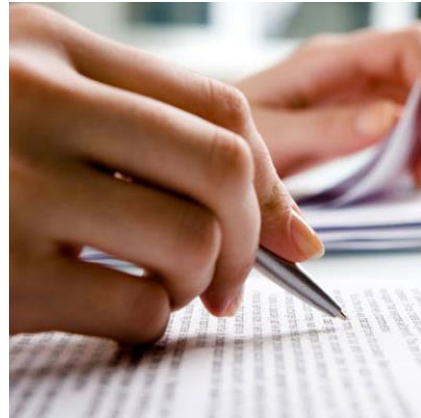
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C O G N I T I O N

O C T A G O N  
I N N O V I T



# Let's play 4 pics 1 word!



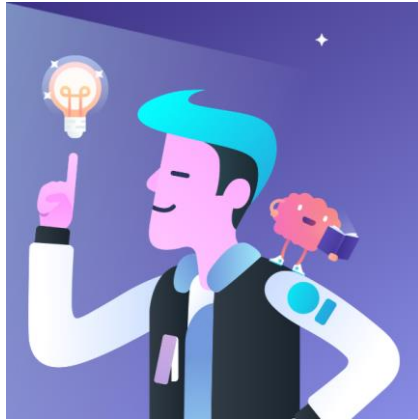
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R E S E A R C H

H U N C H E R  
S A N D E R S



# Let's play 4 pics 1 word!



$1 + 4 = 5$   
 $2 + 5 = 12$   
 $3 + 6 = 21$   
 $8 + 11 = ?$



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S O L U T I O N

L O U S I L Y

C O C O N U T



# Let's play 4 pics 1 word!



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C O M P E T E N C E

P O L I C E M A N  
T I M E P I E C E





# COGNITION



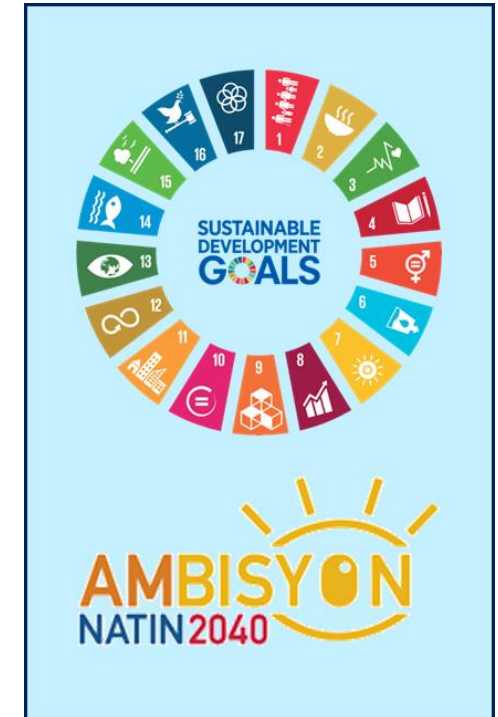
# RESEARCH



# SOLUTION



# COMPETENCE



# Four Components of Functional Literacy



## COGNITION

Thinking and inferring on the meanings of events



## RESEARCH

Investigating how issues and problems occur



## SOLUTION

Devising a program that will help you achieve targets



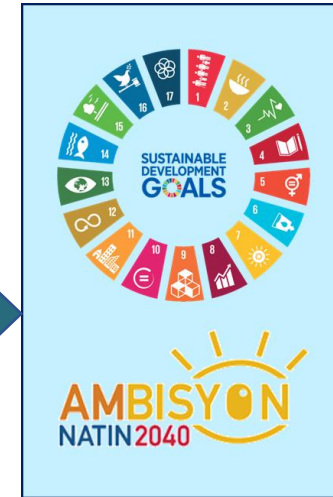
## COMPETENCE

Being a highly proficient member of society





The Philippine Basic Education Program that is envisioned to uplift the lives of the Filipinos to achieve ...



Information, Media, and Technology Skills

Learning and Innovation Skills

Communication Skills

Life and Career Skills

Higher Education

Employment

Entrepreneurship

Middle-Level Skills Development

**FUNCTIONAL LITERACY**



# Functional Literacy is Cross-disciplinary.

## Components of Teaching Multiliteracies

- ❑ Situated Practice **Strong foundation knowledge**
- ❑ Overt Instruction **Strategic use of learning devices**
- ❑ Critical Framing **Deepening learning by argumentation**
- ❑ Transformed Action **Real-world problems as training grounds**

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