



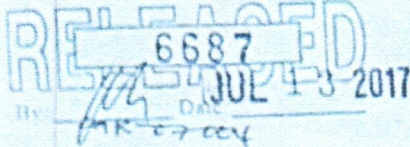
Department of Education
BUREAU OF LEARNING RESOURCES

Ground Floor, Bonifacio Bldg., DepEd Complex, Meralco Ave., Pasig City
blr.od@deped.gov.ph blr.lrqad@deped.gov.ph* blr.lrpd@deped.gov.ph
6341054 * 6341072 * 6319294 * 6340901



June 19, 2017

DEPARTMENT OF EDUCATION
RECORDS DIVISION



CERTIFICATION

This is to certify that the *Mainstreaming Climate Change Adaptation, Disaster Risk and Vulnerability Reduction Integration Across K to 12 Education Curriculum* in the following subject areas and grade levels, developed by the **Local Climate Change Adaptation for Development (LCCAD)** underwent content review conducted by the Bureau of Curriculum Development in coordination with the Bureau of Learning Resources and are deemed suitable for printing and use in public schools:

1. Grade 2
 - a. English
 - b. Filipino
 - c. Mathematics
 - d. Araling Panlipunan
2. Grades 3, 4, 5, 6, 7, 8, 9, and, 10
 - a. English
 - b. Filipino
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 - d. Science
 - e. Araling Panlipunan
3. Grade 11
 - a. English
 - b. Filipino



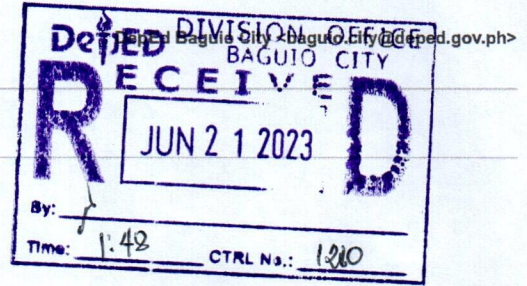
Republic of the Philippines
Department of Education
Cordillera Administrative Region
SCHOOLS DIVISION OF BAGUIO CITY

June 27, 2023

**TO: PUBLIC ELEMENTARY AND SECONDARY SCHOOL HEADS
ALL OTHERS CONCERNED**

For information and appropriate action.

SORAYA T. FACULO PhD, CESO VI
Assistant Schools Division Superintendent
OIC – Office of the Schools Division Superintendent



LCCAD K to 12 Supplementary Teaching and Learning Resources/Materials
1 message

NONG RANGASA <energyefficiency2023@gmail.com>
To: baguio.city@deped.gov.ph
Cc: Nong Rangasa <nongrangasa.lccad@gmail.com>



LOCAL CLIMATE CHANGE ADAPTATION FOR UNITED NATIONS ASSOCIATION OF THE MEMBER - WORLD FEDERATION OF UNITED NATIONS ASSOCIATION

Unit 1601 Astoria Plaza, 5J Escrivá Drive, Brgy. San Antonio, Ortigas |
Pasig City, Metro Manila 1600.

Greetings!

May we inform you that the K to 12 Supplementary Teaching and Learning Resources/Materials developed by LCCAD, the Office of the Representative of the 2nd on Climate Change is now published and available for use and can be access through the LCCAD.

Attached herewith are the attachments for your reference.

For queries, you may contact:

NONG C. RANGASA

Executive Director, LCCAD

Mobile No. +639279961237

Email: nongrangasa.lccad@gmail.com

We are looking forward to collaborating with you for the future of our Filipino Students!

Kind regards,

Nong C. Rangasa



SOUTHEAST ASIA CHANGE LEADERS FOR PEACE CLIMATE CHANGE, DISASTER RESILIENCE

7 attachments

- MS. SORAYA T. FACULO.pdf**
749K
- SILG-BENJAMIN-ABALOS-MESSAGE-TO-LCCAD.pdf**
388K
- DEPED-CERTIFICATION.pdf**
227K
- Kto12-Books-Product-List.pdf**
392K
- VP-SARA-DUTERTE-MESSSAGE-TO-LCCAD.pdf**
249K
- DILG-MEMORANDUM-CIRCULAR-NO-2017-95.pdf**
711K
- H.E-FERDINAND-MARCOS-JR-MESSAGE-TO-LCAAD.pdf**
227K



LOCAL CLIMATE CHANGE ADAPTATION FOR DEVELOPMENT UNITED NATIONS ASSOCIATION OF THE PHILIPPINES

MEMBER - WORLD FEDERATION OF UNITED NATIONS ASSOCIATIONS

Unit 1601 Astoria Plaza, 5J Escrivá Drive, Brgy. San Antonio, Ortigas Business District,
Pasig City, Metro Manila 1600.



20 June 2023

MS. SORAYA T. FACULO

OIC-Schools Division Superintendent
Baguio City

Dear SDS Faculo,

The Philippines well-articulated position in Climate Justice, as reiterated and emphasized by **His Excellency President Ferdinand "Bongbong" R. Marcos's** speech at the United Nations General Assembly in UN Headquarters, NY; noting that the country was ranked as the number one (1) country being the most at risk based on the 2022 World Risk Report based on the following criteria: exposure, vulnerability, susceptibility, lack of coping capacities, and lack of adaptive capacities.

May we inform you that the K to 12 Supplementary Teaching and Learning Resources/Materials developed by LCCAD, the Office of the Representative of the 2nd Legislative District of Albay, and the House of Representative Special Committee on Climate Change is now published and available for use and can be access through the LCCAD.

RA 9729 and RA 10121 greatly influenced the Local Climate Change Adaptation for Development (LCCAD) in developing the **K to 12 Teaching and Learning Materials or Supplementary Learning Resources** aimed at integrating climate change adaptation and mitigation (CCAM) and disaster risk and vulnerability reduction (DRVR) into the country's education curriculum – the first of its kind in the country and the first in Asia.

Attached is a copy of **DILG Memorandum Circular No. 2023-081, dated May 24, 2023** duly signed by SILG Benjamin C. Abalos, Jr., as an update to MC No. 2016-140 reiteration of NDRRMC Memorandum Circular No. 04, S 2018 "Urges all Regional/ LDRRMCs to make use the K to 12 teaching and learning materials in public schools and barangay libraries in the country. The issuance advises all regional, provincial governors, city and municipal mayors, punong barangays and local DRRM Councils and Local School Board (LSB) to utilize these K to 12 Supplementary Teaching and Learning Resources/Materials to available local funds in support to the attainment of the Sustainable Development Goals (SDG 4), Climate Action 13 and the objective of the Philippine Development Plan (PDP) 2023-2028.

The 48 K to 12 Books underwent content review by the **Department of Education's Bureau of Curriculum Development (BCD)** in coordination with the **Bureau of Learning Resources (BLR)** and are deemed suitable for printing and use in public schools. Please see attached Department of Education's **Certification** to LCCAD, Presidential Message of **H.E. President Ferdinand R. Marcos, Jr, Vice President and Education Secretary Sara Z. Duterte and SILG Benjamin C. Abalos, Jr.**

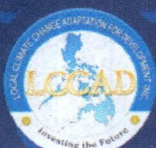
In this regard, for you to avail the K to 12 Teaching and Learning Resources/Materials, you may contact the LCCAD Executive Director Nong C. Rangasa or call mobile numbers +63927-9961237 and e-mail address nongrangasa.lccad@gmail.com and development@lccad.org.

Thank you for your invaluable cooperation and support towards the attainment of national and local readiness for disaster mitigation and climate change adaptation.

Environmentally yours,

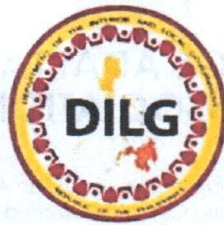

NONG C RANGASA

Executive Director, LCCAD
Senior Advisor for International
and Government Affairs
United Nations Association of the Philippines



SOUTHEAST ASIA CHANGE LEADERS FOR PEACE, ENVIRONMENT,
CLIMATE CHANGE, DISASTER RESILIENCE AND ENERGY





Republic of the Philippines

DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
DILG-NAPOLCOM Center, EDSA corner Quezon Avenue, West Triangle, Quezon City

MESSAGE



My sincere congratulations to **Local Climate Change Adaptation (LCCAD), Climate Change Commission (CCC), Department of Education (DepEd), Office of Civil Defense-National Disaster Risk Reduction and Management Council (OCD-NDRRMC), House of Representatives (HOR), and Rep. Joey Sarte Salceda** on the publication of this **Supplementary Learning Resources of K to 12 Education Curriculum!**

The increasing frequency and scope of natural disasters in the country paved the way for the change in the landscape of our educational curriculum. This is evident under Section 14 of Republic Act (RA) No. 10121 known as the *Philippine Disaster Reduction and Management Act*, specifically on "Integration of Disaster Risk Reduction Education into the School Curricula and Sangguniang Kabataan (SK) Program and Mandatory Training for the Public Sector Employees" and revitalization barangay learning centers in the Philippines pursuant to Section 17 of the *Local Government Code* and Section 2 of the RA 7743.

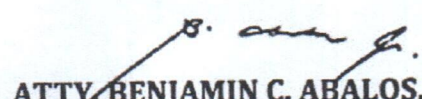
I commend the LCCAD, CCC, DepEd, OCD-NDRRMC, HOR, and Rep. Salceda for the successful publication of this material which integrates important knowledge on the perils of climate change and related disasters into the curriculum.

This is a major achievement as it molds Filipino children and youth to be aware and knowledgeable on disaster preparedness and hopefully be applied in practice in their homes and communities. As the DILG Operation L!sto project says, 'Ligtas ang may alam. Tamang paghahanda, tamang aksyon!'

Moreover, this publication is a great support in realizing the Philippine Development Plan (PDP) 2023-2028's goal of accelerating climate action and strengthening disaster resilience. The PDP's targeted outcomes are: (a) climate and disaster risk resilience of communities and institutions increased, (b) ecosystem resilience enhanced, and (c) low carbon economy transition enabled.

With our unwavering unity and dedication, we can achieve these noble and worthy aspirations for the present and future generations. Let us be firm – *sa gawa at salita* – in championing climate change adaptation, mitigation, and disaster risk reduction and management in the Philippines, with the end view of ensuring safer, disaster-resilient, and climate-adaptive Filipino communities towards sustainable and inclusive development.

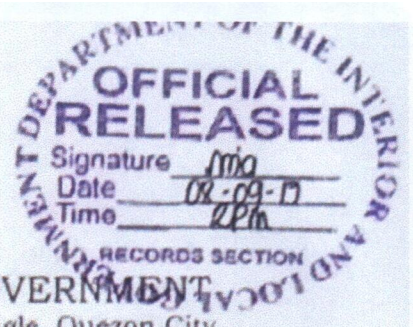
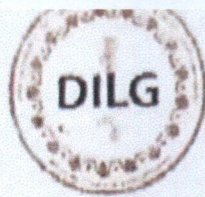
More power and build better more, Philippines!


ATTY. BENJAMIN C. ABALOS, JR.
Secretary

Matino, Mahusay at Maaasahan
<http://www.dilg.gov.ph>



DILG-OSEC 02092023 011



REPUBLIC OF THE PHILIPPINES
 DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
 DILG-NAPOLCOM Center, EDSA corner Quezon Avenue, West Triangle, Quezon City
<http://www.dilg.gov.ph>

August 9, 2017

MEMORANDUM CIRCULAR
 NO. 2017-95

TO : ALL PROVINCIAL GOVERNORS, CITY MAYORS, MUNICIPAL MAYORS, DILG REGIONAL DIRECTORS, ARMM REGIONAL SECRETARY AND ALL OTHERS CONCERNED

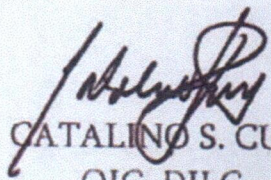
SUBJECT : REITERATING MEMORANDUM CIRCULAR NO. 99-208 ENTITLED, "ESTABLISHMENT OF BARANGAY READING CENTER"

In furtherance of the policy of the State to promote moral, intellectual and cultural development of the Filipino people which are vital in nation-building and national development through the establishment of information and reading center nationwide pursuant to Section 17 of the Local Government Code of 1991 and Section 2 of the Republic Act No. 7743, *An Act providing for the Establishment of Congressional, City and Municipal Libraries and Barangay Reading Centers throughout the Philippines, appropriating the necessary funds therefor and for other purposes*, local chief executives are hereby reminded to see to it that Punong Barangays comply with the requirements of the foregoing laws.

The Information and Reading Centers need not require new or additional buildings. It can co-locate with other community service units, if any, within the Barangay Hall or within any public building in the locality, where appropriate and subject to the prior consent of competent authorities.

All DILG Regional Directors are hereby directed to cause the widest dissemination of this Memorandum Circular to all local governments within their respective jurisdiction.

For the compliance and guidance of all concerned.


 CATALINO S. CUY
 OIC, DILG



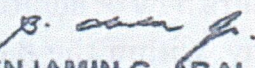
As an update, the K to 12 Supplementary Teaching and Learning Resources/Materials are now published and can be accessed directly for distribution through LCCAD. LGUs and other concerned stakeholders can communicate through LCCAD Executive Director Nong C. Rangasa, mobile number +63927-9961237, and email addresses nongrangasa.lccad@gmail.com and development@lccad.org. The materials underwent content review by the Department of Education's Bureau of Curriculum Development (BCD) in coordination with the Bureau of Learning Resources (BLR), and are deemed suitable for printing and use in public schools.

As provided in DILG MC No. 2018-140, LGUs may charge the activities on the utilization of the resources/materials to available local funds such as the Local DRRM Fund, provided that these activities are incorporated into their approved Provincial, City, Municipal, or Community-based/Barangay DRRM Plan and Annual Investment Program (AIP) or Barangay Development Investment Program (BDIP). It should be noted that this shall also be subjected to the usual accounting and auditing rules and regulations.

In addition to LDRRMCs, the Local School Boards are also encouraged to discuss the utilization of the said supplementary teaching and learning resources/materials during their regular meetings. All LGUs are also strongly encouraged to place the resources/materials in their public libraries and information and reading centers established pursuant to Section 17 of RA 7160 or the Local Government Code of 1991 and Section 2 of RA 7743, the act providing for the establishment of congressional, city, municipal libraries, and barangay reading centers throughout the Philippines. These activities will enable the maximized use of the resources/materials among teachers and learners in the LGU.

All DILG Regional Directors are hereby directed to cause the widest dissemination of this Memorandum Circular to LGUs within their respective areas of jurisdiction. Meanwhile, the BARMM Minister of the Interior and Local Government is requested to disseminate this issuance to all LGUs in their region.

For the information and guidance of all concerned.


ATTY. BENJAMIN C. ABALOS, JR.
Secretary

BLGD-2023-02-10-008 / 02092023-011
BLGS/DTT/LGPMD/mfq/rap

"Matino, Mahusay at Maaasahan"
Trunkline No.: 8876-34-54





MALACAÑAN PALACE
MANILA



MESSAGE

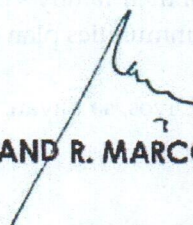
My warmest greetings to the **Local Climate Change Adaptation for Development (LCCAD)**, and to all the Filipino learners, stakeholders, and beneficiaries of the **K to 12 Supplementary Learning Resources**.

I welcome the efforts of the LCCAD in integrating the fields of climate change adaptation and disaster risk and vulnerability reduction in our basic education curriculum. This comes at a time when we are in need of young leaders who are aware of pressing environmental issues, and are eager to create solutions to address them.

It is my hope that these resources will deepen the commitment of our students in facing the many threats to our lives and our planet. May it also be an opportunity to build enduring relationships with their communities to initiate projects and measures that will make the Philippines more resilient against the adverse impacts of climate change.

Indeed, I am optimistic that your efforts will redound to our resiliency and climate literacy. Together, let us remain steadfast in pursuing a greener future as we achieve our goal of a more sustainable society for all.

I wish you the best in your endeavors.


FERDINAND R. MARCOS JR.

MANILA
January 2023

THE PRESIDENT OF THE PHILIPPINES



Republic of the Philippines
Office of the Vice President

MESSAGE



Assalamualaikum.

Congratulations to the **Local Climate Change Adaptation for Development** on the successful publication of the K to 12 Supplementary Learning Resources.

As our country continues to face sea level rise, changes in air temperature, and increased frequency and intensity of floods, storms, droughts, and landslides, let us spread the knowledge on disaster response and climate change adaptation.

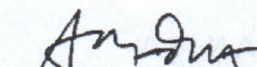
The Department of Education values the environmental literacy and culture of care you relentlessly advocate for the Filipino youth across the country. Allow me to acknowledge the collaborations and partnerships you continue to strengthen between government agencies and civil society to mainstream Climate Change Adaptation and Disaster Risk and Vulnerability Reduction.

As we continue investing in our children and youth and deepen our commitment to education on climate change, I am hopeful that our Filipino learners, beneficiaries of the K to 12 Supplementary Learning Resources will eventually become catalysts of change, who will reinforce the government's disaster preparedness and risk reduction efforts and empower their families and communities to become climate resilient.

I encourage our new generation of Filipinos to demand climate action while learning to become conscientious of their family's carbon footprint, reduce wasteful practices, and help their families and communities plan and prepare for disasters.

Lahat- para sa Diyos, sa Bayan, at sa bawat pamilyang Pilipino.

Shukran.


SARA Z. DUTERTE
VICE PRESIDENT OF THE PHILIPPINES

K to 12 BOOKS PRODUCT LIST

| Learners Materials with Teachers Guide | | Learners Materials with Teachers Guide | |
|--|-------------|--|------------|
| ENGLISH | | MATHEMATICS | |
| ENGLISH 2 | Php 487.00 | MATHEMATICS 2 | Php 438.75 |
| ENGLISH 3 | Php 472.00 | MATHEMATICS 3 | Php 423.00 |
| ENGLISH 4 | Php 428.00 | MATHEMATICS 4 | Php 386.75 |
| ENGLISH 5 | Php 448.00 | MATHEMATICS 5 | Php 376.50 |
| ENGLISH 6 | Php 427.00 | MATHEMATICS 6 | Php 397.00 |
| ENGLISH 7 | Php 459.00 | MATHEMATICS 7 | Php 376.50 |
| ENGLISH 8 | Php 465.00 | MATHEMATICS 8 | Php 381.50 |
| ENGLISH 9 | Php 472.00 | MATHEMATICS 9 | Php 325.00 |
| ENGLISH 10 | Php 475.00 | MATHEMATICS 10 | Php 386.75 |
| ENGLISH 11 | Php 550.00 | | |
| SCIENCE | | ARALING PANLIPUNAN | |
| SCIENCE 3 | Php 492.00 | ARALING PANLIPUNAN 2 | Php 480.00 |
| SCIENCE 4 | Php 472.50 | ARALING PANLIPUNAN 3 | Php 488.00 |
| SCIENCE 5 | Php 433.15 | ARALING PANLIPUNAN 4 | Php 418.00 |
| SCIENCE 6 | Php 397.00 | ARALING PANLIPUNAN 5 | Php 423.00 |
| SCIENCE 7 | Php 433.15 | ARALING PANLIPUNAN 6 | Php 423.00 |
| SCIENCE 8 | Php 448.75 | ARALING PANLIPUNAN 7 | Php 433.50 |
| SCIENCE 9 | Php 418.00 | ARALING PANLIPUNAN 8 | Php 401.00 |
| SCIENCE 10 | Php 407.75 | ARALING PANLIPUNAN 9 | Php 459.00 |
| SCIENCE 11 | Php 598.00 | ARALING PANLIPUNAN 10 | Php 498.00 |
| FILIPINO | | | |
| | FILIPINO 2 | Php 492.00 | |
| | FILIPINO 3 | Php 488.00 | |
| | FILIPINO 4 | Php 423.00 | |
| | FILIPINO 5 | Php 433.50 | |
| | FILIPINO 6 | Php 433.50 | |
| | FILIPINO 7 | Php 392.00 | |
| | FILIPINO 8 | Php 412.75 | |
| | FILIPINO 9 | Php 428.00 | |
| | FILIPINO 10 | Php 397.00 | |
| | FILIPINO 11 | Php 433.50 | |

Contact us:

NONG C. RANGASA

Executive Director, LCCAD

Mobile No. +639279961237

Email: nongrangasa.lccad@gmail.com



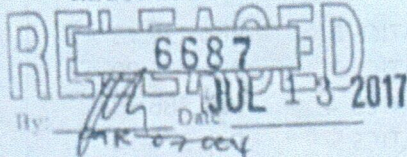
Department of Education
BUREAU OF LEARNING RESOURCES

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June 19, 2017

DEPARTMENT OF EDUCATION
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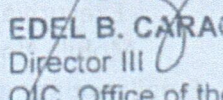


CERTIFICATION

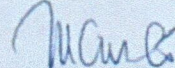
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3. Grade 11
 - a. English
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 - c. Mathematics
 - d. Science

This certification is issued upon the request of **LCCAD** for whatever legal purpose it may serve.


EDEL B. CARAG
Director III
OIC, Office of the Director IV

CERTIFIED TRUE COPY


MA. THERESA M. CASTRO
Administrative Officer IV
Records Division-DepEd Central Office

FEB 16 2023