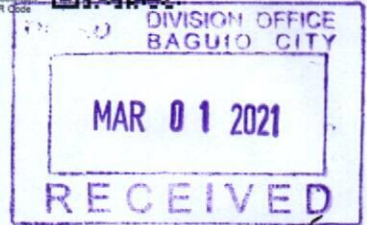


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Republika ng Pilipinas  
**Kagawaran ng Edukasyon**  
Tanggapan ng Pangalawang Kalihim

**OUA MEMO 00-0221-0220**  
**MEMORANDUM**  
26 February 2021

**For: All Regional Directors and BARMM Education Minister  
All School Division Superintendents  
All Public and Private Elementary and  
Secondary School Heads**

**Subject: CURATED RESOURCES FOR CLIMATE CHANGE EDUCATION  
AND ACTION**

In line with the importance of raising awareness on environmental concerns, the Disaster Risk Reduction and Management Service (DRRMS), in partnership with the Bureau of Curriculum Development (BCD) and the Information and Communications Technology Service (ICTS), **curated reference materials and supplementary learning materials on climate change education and action.** This compilation of resources will help educators in teaching concepts related to climate change, especially in the new normal.

Teachers may now refer to the microsite at <http://bit.ly/DepEdCCE> for the following: a) references and resources connected to DepEd Commons and Learning Resources Management and Development System (LRMDS); b) references for teachers; and c) learning resources with APA citation (lesson plans, videos, and interactive online activities).

Kindly note that the materials included are owned by external partners and may be used for non-commercial education purposes. Please refer to the attached guide on how to navigate through the microsite.

For more information, kindly contact Ms. Zherluck Shaen Rodriguez of the DRRMS through (02) 8637-4933 or email at [drmo+ccam@deped.gov.ph](mailto:drmo+ccam@deped.gov.ph)

To: All School Administrators, Principals & Teachers In Charge  
(Elementary & Secondary)  
**FOR YOUR INFORMATION & APPROPRIATE ACTION**  
*For information and guidance.*  
  
**MARIE CAROLYN B. VERANO, CESO V**  
*Schools Division Superintendent*

**ALAIN DEL B. PASCUA**  
Undersecretary



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**Office of the Undersecretary for Administration (OUA)**  
*(Administrative Service (AS), Information and Communications Technology Service (ICTS), Disaster Risk Reduction and Management Service (DRRMS), Bureau of Learner Support Services (BLSS), Baguio Teachers Camp (BTC), Central Security & Safety Office (CSSO))*  
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Rm 519, Mabini Bldg; Mobile: +639260320762; Tel: (+632) 86337203, (+632) 86376207  
Email: [usec.admin@deped.gov.ph](mailto:usec.admin@deped.gov.ph); Facebook/Twitter @depedtayo

# Introduction to the microsite


The microsite contains curated reference materials and supplementary learning materials on climate change education and action for educators. It was developed to help our teachers in teaching climate change specially in the new normal.


The microsite includes the following:

- DepEd's References and Resources which is connected to DepEd Commons and DepEd LRMS
- References for Teachers
  - Learning Resources with APA
  - Citation
  - Lesson Plans
  - Videos
  - Interactive Online Activities






# Access

To access the microsite, type [deped.gov.ph/climate-change-education](http://deped.gov.ph/climate-change-education) on your browser.







 [deped.gov.ph/climate-change-education](http://deped.gov.ph/climate-change-education)

 [deped.gov.ph/climate-change-education](http://deped.gov.ph/climate-change-education)

#### CLIMATE SCIENCE

 The Basis of Climate Change	+
 Debunking the 10 myths on climate change	+
 Implications of Climate Change to Different Sectors	+
 Global Warming of 1.5 °C	+
 Our Warming World: How Much Difference Will Half-A-Degree Really Make?	+

#### CLIMATE CHANGE IN THE PHILIPPINES

 Climate Change in the Philippines	+
 Executive Brief of Climate Change and the Philippines	+
 The Philippine Climate Almanac	+
 The Philippine Climate Change Assessment	+
 The State of the Philippine Climate	+
 Climate Landscape Analysis for Children in the Philippines	+

#### Debunking the 10 myths on climate change

SOURCE: WORLD WIDE FUND FOR NATURE (WWF)

This article clarifies common myths and misconceptions about climate change.

##### Topics:

- Myth 1. The earth's Climate has always changed
- Myth 2. Plants need carbon dioxide
- Myth 3. Global warming isn't real as it's still cold
- Myth 4. Climate change is a future problem
- Myth 5. Renewable energy is just a money-making scheme
- Myth 6. Polar bear numbers are increasing
- Myth 7. Renewable energy can only work when it's not cloudy or windy
- Myth 8. Animals will adapt to climate change
- Myth 9. Getting rid of humans will fix this
- Myth 10. China is the only country responsible for climate change

##### [READ HERE](#)

WORLD WIDE FUND FOR NATURE. (N.D.). DEBUNKING THE 10 MYTHS ON CLIMATE CHANGE. RETRIEVED FROM [HTTPS://WWW.WWF.ORG.UK/UPDATES/10-MYTHS-ABOUT-CLIMATE-CHANGE](https://www.wwf.org.uk/updates/10-myths-about-climate-change)

# References for Teachers

The references are sorted into different categories:

- a. Climate Science
- b. Climate Change in the Philippines
- c. Teaching Climate Change
- d. Free Online Courses

Once you find the reference you are interested in, click it to show more details. You may learn more about the topics by clicking "READ HERE".

# LESSON PLAN

If you are looking for an inspiration for your climate change education lessons, you will find various ideas here.

You will find Subjects Covered, Grade Level, and Topics.

## Global Climate Change Education Modules

SOURCE: NASA

**Subjects Covered:** Depends on the teacher; the lessons are more general than tailor-fitted to competencies.

**Grade Level:** Depends on the teacher; it can be customized to fit the grade level

### Topics:

- Climate Science and Impacts
- Adaptation and Mitigation

### READ HERE

NASA. (N.D.). GLOBAL CLIMATE CHANGE EDUCATION MODULES. RETRIEVED FROM [HTTPS://ESSEACOURSES.STRATEGIES.ORG/MODULE.NASA.HTML](https://essecourses.strategies.org/module.nasa.html)

# INTERACTIVE ONLINE ACTIVITIES

For more interactive activities in teaching Climate Change, we have also gathered games and activities developed by credible sources which may be used for online learning.

There are different types of games from various themes such as Climate Science, Impacts of Climate Change, Adaptation and Mitigation, Simulation of Climate Policymaking, and Disaster Preparedness

## CLIMATE SCIENCE

### CLIMATE KIDS

Climate Kids is produced by the Earth Science Communications Team at NASA's Jet Propulsion Laboratory / California Institute of Technology. It contains information on climate science, water, energy, plants & animals and resources like games and activities.

**Grade Level:** 1-10

**Subjects Covered:**

- Climate Science
- Impact of Climate Change
- Adaptation and Mitigation



[EXPLORE CLIMATE KIDS HERE](#)

EARTH SCIENCE COMMUNICATIONS TEAM. (2010). CLIMATE KIDS [COMPUTER VIDEO GAME]. NASA JET PROPULSION TECHNOLOGY, CALIFORNIA INSTITUTE OF TECHNOLOGY

## SIMULATION OF CLIMATE POLICYMAKING

### MISSION 1.5

The campaign is built around an internet and mobile-based video game, developed by the United Nations Development Programme (UNDP) alongside experts in game development, climate science and public polling. In which players take on the role of climate policymakers and make decisions to try to keep global warming below 1.5 degrees Celsius.

**Grade Level:** 7-12

**Subjects Covered:**

- Policy-making
- Public Opinion



[CHECK MISSION 1.5 HERE](#)

UNDP. (2020). MISSION 1.5 [COMPUTER VIDEO GAME]. UNDP.

**Visit the site now.**



**[deped.gov.ph/climate-  
change-education](https://deped.gov.ph/climate-change-education)**

For questions,  
feel free to get in touch with the DRRMS team at  
[drmo+ccam@deped.gov.ph](mailto:drmo+ccam@deped.gov.ph)