



Conservation Starts At Home



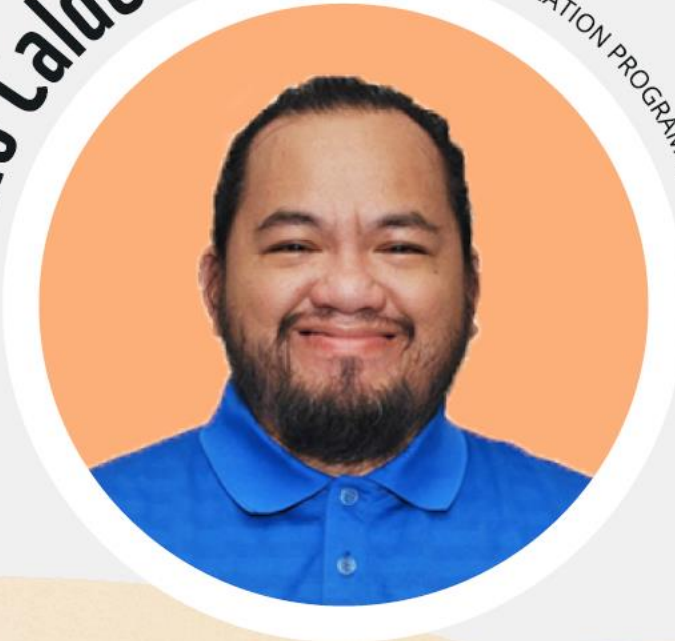
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FamilEE: Environmental Education at Home

05:00 PM



World Environment Day



#Connect2Earth



Environmental

<https://www.tehrantimes.com/news/442083>



Education

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FamilEE: Practicing Environmental Education at Home



Environmental Education (EE)

Environmental education is a learning process that increases people's knowledge and awareness about the environment and associated challenges, develops the necessary skills and expertise to address the challenges, and fosters attitudes, motivations, and commitments to make informed decisions and take responsible action (UNESCO, Tbilisi Declaration, 1978).



ES-O SJC

The goal of ENVIRONMENTAL ACTION is to improve all ecological relationships, including the relationship of humanity with nature, and people with each other.

Dimensions of EE



HEAD



HEART



HAND



HEAD Dimension

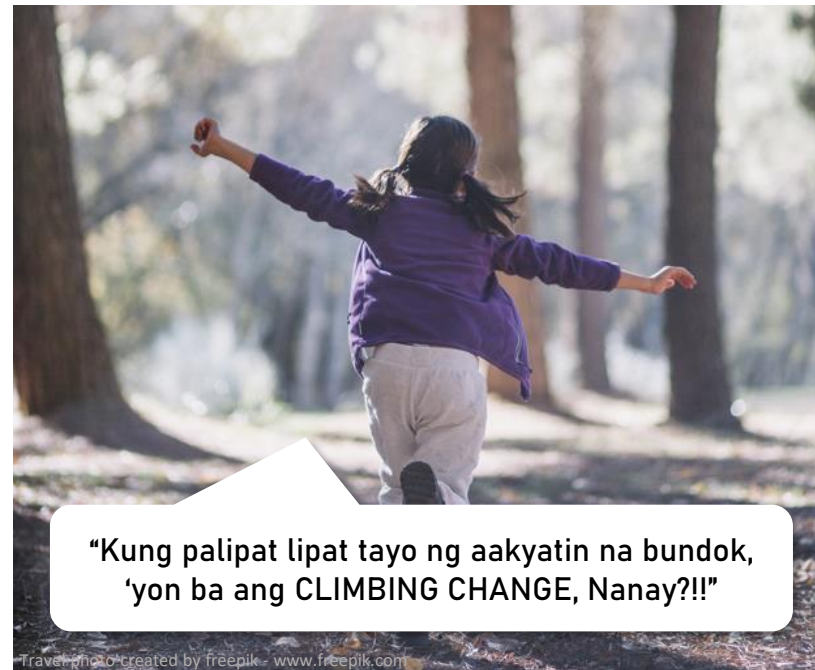
Learning ABOUT the Environment

**content, information, topics,
discussions, research**

1. Are whale sharks whales or sharks?
2. What is a watershed?
3. What are the benefits of container farming?
4. How are zoonotic diseases transferred?



- Explore your child's interests
 - Pay attention to their questions
 - Observe what makes them curious
- Think of possible “experiments” or areas for “investigation”
- Look into current events





HEART Dimension

**Learning IN and THROUGH the
Environment**

**Establishing connections, finding
personal meaning**





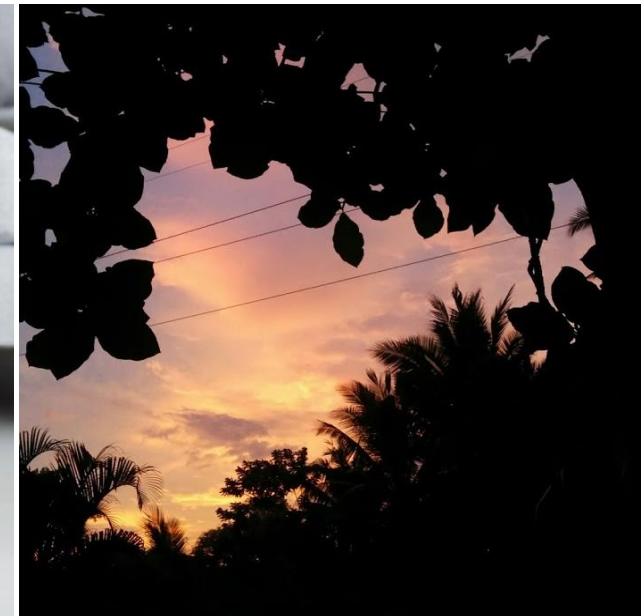
- **Explore your backyard's biodiversity**
 - Look for shapes, colors, patterns
 - Observe living and non-living things
- **Play with your pets!**
- **Appreciate beauty!**
- **Relish the peace that nature offers.**



Photo by Agentur fotograf / iStock



<https://singaporemotherhood.com/>



**"The most effective way to save the threatened
and decimated natural world
is to cause people to fall in love with it again,
with its beauty and its reality."**

SIR PETER SCOTT



HAND Dimension

Learning FOR the Environment

Action, participation,
contribution, advocacy

ECOLOGICAL HANDPRINT

For each action you are already doing, shade in the numbered circle on your handprint.

For each action you would like to do in the future, shade in that circle with a different colour.

Consumption

9. Before I buy something new I consider - Do I need it? Can I borrow it? Can I buy it second hand?

10. I repair things rather than throw them out

11. I bring my own bag when shopping

Community

5. I have learned about sustainability in my school

6. I talk to my parents about protecting the environment

7. I stand up for important issues

8. I volunteer

Waste

24. I recycle

25. I choose a litter-free lunch

26. I safely throw out hazardous waste (paint, batteries, electronics, etc.)

Transportation

1. I walk

2. I cycle

3. I take the bus

4. I carpool

27. I like being outside and protecting nature.

(Colour all white spaces between the circles)

Water

12. I save water

13. I drink tap water

14. I have a rain barrel

15. I know where my water comes from

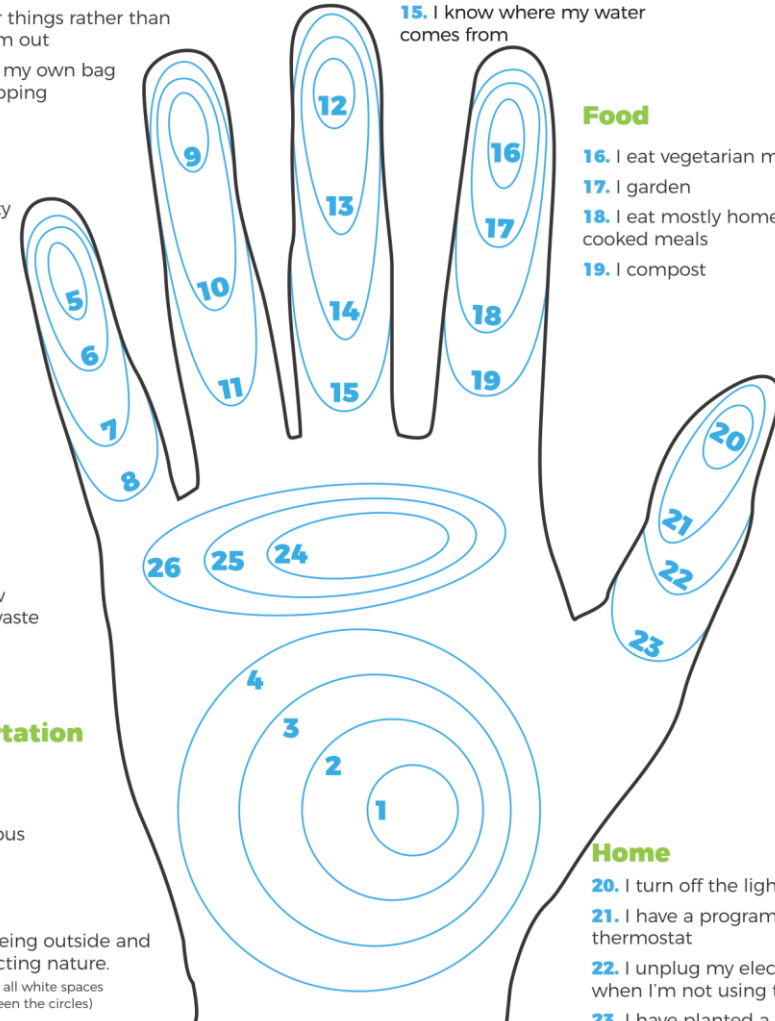
Food

16. I eat vegetarian meals

17. I garden

18. I eat mostly home cooked meals

19. I compost



Home

20. I turn off the lights

21. I have a programmable thermostat

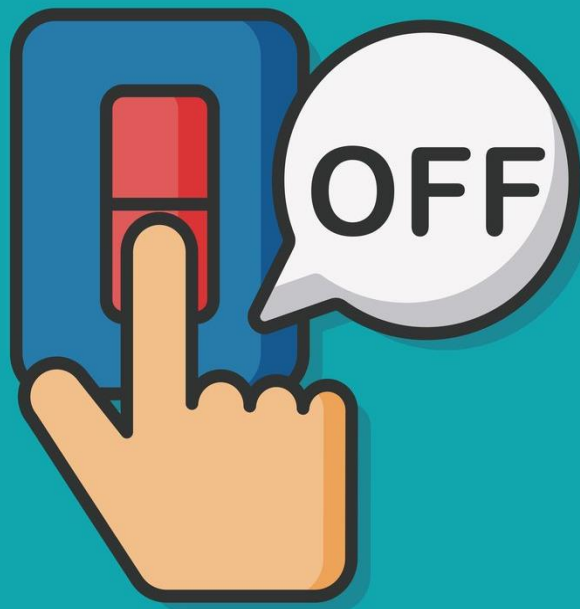
22. I unplug my electronics when I'm not using them

23. I have planted a tree



PAANO MAARING I-REUSE ANG ISANG PLASTIC BOTTLE?







<https://www.facebook.com/kidswhofarm/>



gardnerspath.com



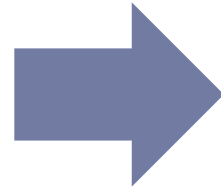
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<https://www.facebook.com/elmntm/>

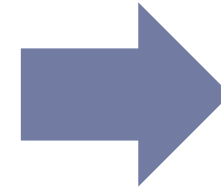
Dimensions of EE



HEART
Dimension



HEAD
Dimension



HAND
Dimension

EMPATHY

Early Childhood
(3-7 years old)

EXPLORATION

Early/Middle
Grade School
(7-11 years old)

**SOCIAL
ACTION**

Adolescence
(12-17 years old)



If facts are the seeds that later produce knowledge and wisdom, then the emotions and the impressions of the senses are the fertile soil in which the seeds must grow.

The years of early childhood are the time to prepare the soil.

– Rachel Carson



NATURE DEFICIENCY

Dimensions of EE



HAND
Dimension



HEART
Dimension



HEAD
Dimension



FACE

Representing the Environment

Being a role model so that others can follow and be inspired



FACE

Representing the Environment

Being a role model so that others can follow and be inspired

Beyond cardboard rainforests

If curricula focused on saving the Earth don't work, what does? One way to find the answer is to figure out what contributes to the development of environmental values in adults. **What happened in the childhoods of environmentalists to make them grow up with strong ecological values?** A handful of studies like this have been conducted, and when Louise Chawla of Kentucky State University reviewed them for her article, "Children's Concern for the Natural Environment" in *Children's Environment Quarterly*, she found a striking pattern. **Most environmentalists attributed their commitment to a combination of two sources: "many hours spent outdoors in a keenly remembered wild or semi-wild place in childhood or adolescence, and an adult who taught respect for nature."**

Beyond Ecophobia, David Sobel



FACE

Representing the Environment

Being a role model so that others can follow and be inspired

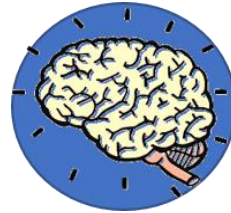
Beyond cardboard rainforests

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**RIGHT NOW, THIS ADULT
COULD BE
YOU!!!!**

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Beyond Ecophobia, David Sobel



HEAD
Dimension



HEART
Dimension

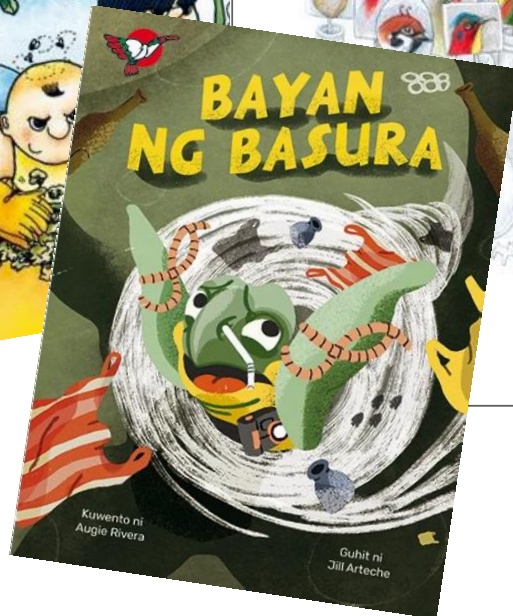


HAND
Dimension



**Never underestimate *your*
own influence and power!**

Integrate environmental topics into their hobbies and interests



FROM THE CREATORS OF **DESPICABLE ME**

YouTube PH

0:58 / 2:07

Our Planet | Official Trailer [HD] | Netflix

1,856,200 views · Mar 19, 2019

40K 281 SHARE SAVE

Netflix 15M subscribers

IN THEATERS realD AND IMAX TREE-D

NETFLIX

- 1 Our Planet | Official Trailer [HD] | Netflix 2:08
- 2 Our Planet | One Planet | FULL EPISODE | Netflix 49:28
- 3 Our Planet | Frozen Worlds | FULL EPISODE | Netflix 53:32
- 4 Our Planet | Jungles | FULL EPISODE | Netflix 50:58
- 5 Our Planet | Coastal Seas | FULL EPISODE | Netflix 49:48

TRAILER Planet Earth II: Official Extended Trailer | BBC Earth 2:47

Mix - Netflix YouTube

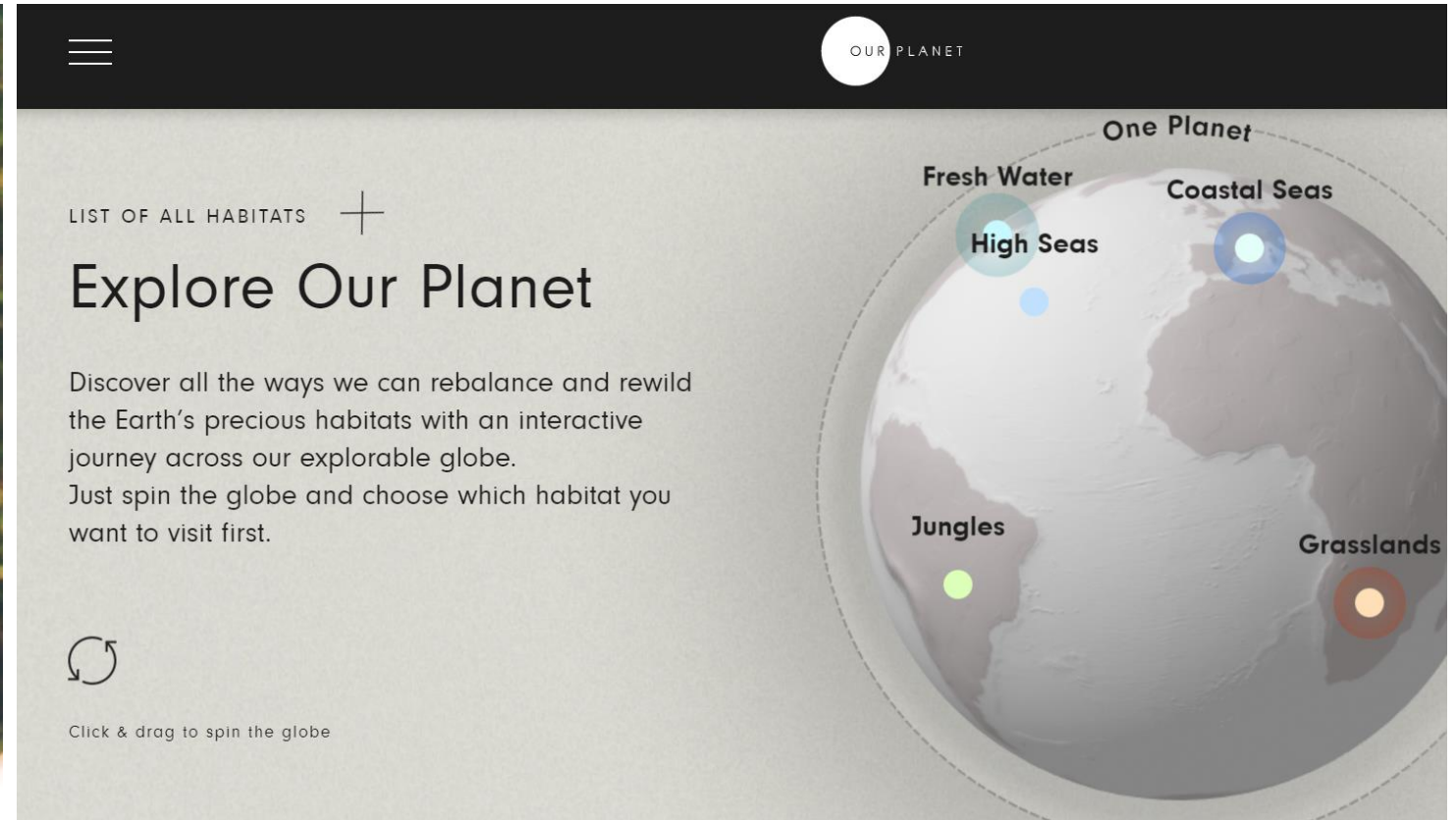
Integrate environmental topics into their hobbies and interests



Integrate environmental topics into their hobbies and interests



<https://www.inaturalist.org/>



<https://www.ourplanet.com/en/explorable-globe/landing>

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ADDITIONAL EE TIPS



ENCOURAGE PLAY & SOCIAL LEARNING

Play is important for children's learning. Positive interactions with peers can help strengthen their positive attitudes toward the environment.

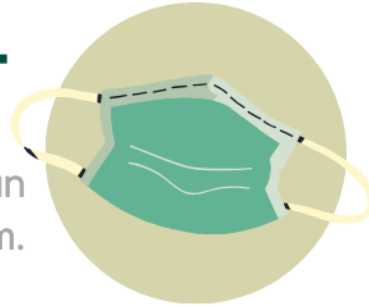
FOSTER THE ROLE OF "ACTIVE STAKEHOLDER"

Help children realize that even at a young age, their participation is important and they can do something to help the environment.



MAKE IT RELEVANT

Include local issues and situations that can directly affect them.



INCLUDE FAMILIES, COMMUNITIES, ROLE MODELS

Seeing other people can predispose children to also care for nature. Parents' involvement and approval serve as motivation for children to learn more about the environment. Collective actions help make solutions more doable.



PROMOTE DIRECT EXPERIENCES

The use of their senses helps them explore, understand and make meaning of the things around them.



[Biodiversity Toolkit](#)

<https://www.worldwildlife.org/teaching-resources/toolkits/biodiversity-toolkit>

[Biodiversity Learning Kit Volume 1](#)

<https://unesdoc.unesco.org/ark:/48223/pf0000245981>

[Biodiversity Learning Kit Volume 2](#)

<https://unesdoc.unesco.org/ark:/48223/pf0000245982>

Children's nature deficit: What we know – and don't know. (Charles, C. & Louv, D., 2009)

http://www.childrenandnature.org/downloads/CNNEvidenceoftheDeficit_01.pdf

Children's concern for the natural environment. (Chawla, 1998)

<http://www.colorado.edu/cye/node/475/attachment>

[Effective approaches to connect children with nature \(Wilson, 2011\)](#)

<https://www.doc.govt.nz/globalassets/documents/getting-involved/students-and-teachers/effective-approaches-to-connect-children-with-nature.pdf>

Help your child to wonder. (Carson, 1956)

<https://training.fws.gov/history/Documents/carsonwonder.pdf>

Natural wonders: A guide to early childhood for environmental educators. (Oltman, 2002)

<https://www.pca.state.mn.us/sites/default/files/p-ee5-04.pdf>

[WWF Wild Classroom Daily Activity Plan](#)

https://www.worldwildlife.org/pages/wild-classroom-daily-activity-plans?utm_campaign=wild-classroom&utm_medium=email&utm_source=enews-wwf&utm_content=2010c-ed

Your Climate, Your Future

<https://www.nps.gov/ever/learn/education/upload/WWF-Your-Climate-Your-Future.pdf>

12 Principles of Child Development and Learning that Inform Practice

<http://www.naeyc.org/dap/12-principles-of-child-development>



Visit  bit.ly/wwfpandataalks



or go to our Facebook page and click the  button.





Conservation Starts At Home

Please support the lives of those who support ours.

 **GCash**
SCAN TO DONATE

WWF Philippines A



Together, we can help our fellow Filipinos rise above this crisis.

CONNECT WITH US!



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