



UNESCO CHAIR  
**Global Health  
& Education**

# **From Classroom to Community: One Health Promotion Education in Action**

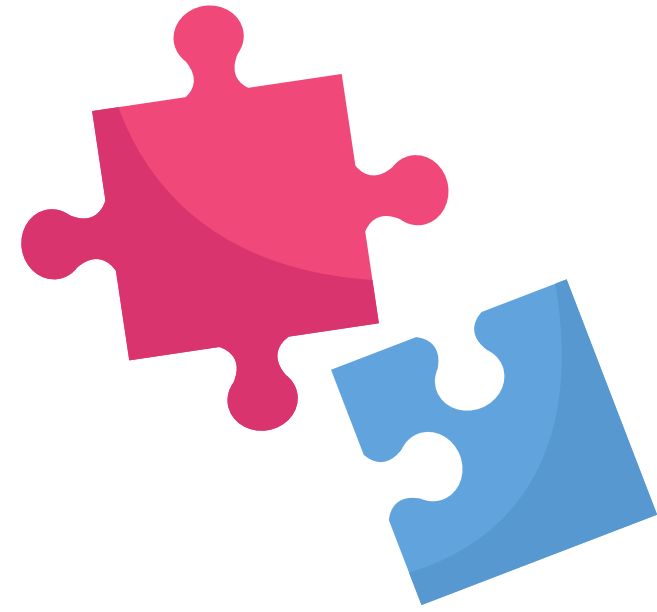
*Engaging Children as Peer Educators for  
Climate Action*

**Sarah Michaud & Adil Mansouri**

# Introduction

Contemporary Health Challenges Are Increasingly Interconnected: :

-  Climate Change
-  Ecosystem Degradation
-  Emergence of Zoonotic Diseases



## One Health :

- An Integrated and Unifying Approach: Aims to balance and optimize the health of people, animals, and ecosystems (WHO/FAO/WOAH, 2021)
- Seeks to prevent health risks through interdisciplinary and intersectoral collaboration

# Introduction

## *Health Promoting Schools: Placing Student Well-Being at the Heart of Education*

Student **well-being** at the center

Concept developed by **WHO and UNESCO**

A **safe and supportive** learning **environment**

Schools embedding **health** in every **policy and practice**



**Active participation** of students, teachers, families, and the whole **school community**

# Introduction

## *Health Promoting Schools and the One Health Approach*

### Educational focus areas:

- **Systemic Vision** : Integrating human, animal, plant, and ecosystem health into a sustainable approach
- **Critical and Ethical Analysis** : Assessing the impacts of human activities (urbanization, agriculture, animal trade, climate change)
- **Citizen Responsibility** : Training actors of prevention and resilience within communities



**A Generation More Aware of Global Health Issues and Better**

**Prepared for Tomorrow's Challenges**

# Context

## **PROMESSE-M Project (Promotion of Education, Health, and Support for Moroccan Schools)**

- **School Health Promotion Program** operationalized through structured workshops for primary schools (Marrakech, Morocco – since 2023)
- **Key Themes:** hygiene, nutrition, mental health, physical activity, ...
- Each Workshop explicitly integrates the **human–animal–environment interface**, in line with the One Health framework (WHO, FAO, WOAHA, UNESCO)
- **Active Pedagogical Approach:** experiential learning, role-playing, quizzes, age-appropriate evaluation tools

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**ONE HEALTH AMBASSADORS**

# One Health Ambassadors: Conception

- A participatory educational project in schools based on a peer-education approach
- The project relied on the active involvement of a group of students trained to become awareness relays among their peers
- **Strengthening the understanding of the One Health concept among school students**



# One Health Ambassadors: Participants

- 16 students, aged 8 to 11
- Group of “**One Health Ambassadors**”
- **Motivation and willingness** to participate in the project’s activities
- **Roles:** acquire knowledge on the One Health approach and contribute to its dissemination within the school community



# Description of the intervention

**One Health Ambassadors  
Training**

**01**

**Development of  
communication materials**

**02**

**Oral communication**

**03**

**Dissemination within the  
school community**

**04**

# Step 1 : One Health Ambassadors Training

- Contents: interactions between **climate change**, **human health**, **zoonotic diseases**, and the **environment**, as well as the fundamental **principles of the One Health approach**
- Pooling of students' ideas to identify key elements
- Objective: explore the links between climate and human, animal, and environmental health



# Step 2: Development of communication materials

- Divided into small working groups
- Selection of words, phrases, colors, and images for educational posters
- Objective: promote the appropriation of acquired knowledge and develop participants' communication skills



# Step 3 : Oral Communication

- Training in oral presentation in small groups with educators
- Languages used (student's choice):  
➔ Moroccan Arabic, French, English
- Collective discussion aimed at sharing key messages and encouraging exchanges among participants



# Step 4 : Dissemination within the school community

Presentation of posters to the school's students by the ambassadors

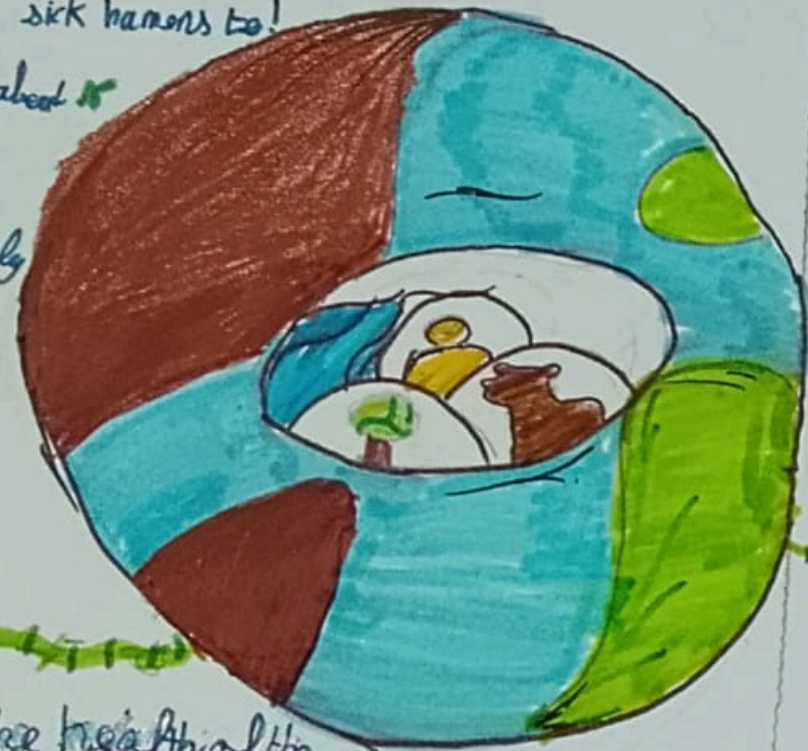


Exhibition of posters in the school for the entire school community

# ONE HEALTH

- \* One health is the health of animals, human, environment and insects.
- \* If plants are sick animals will be. If animals are sick humans too!

\* Think about every one!! Not only you



- \* The health of the environment. We have to protect the environment by:
  - + not throwing the trash on the floor.
  - + growing plants

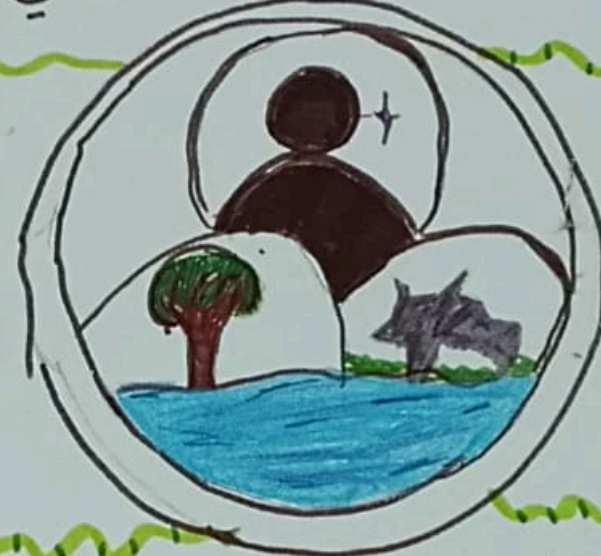
If we don't take care of plants they will die and will be...

... this is not



# صحة الواحدة Une Seule Santé

\* صحة واحدة هي صحة الحيوانات + صحة الإنسان + صحة النباتات + صحة الحشرات = صحة واحدة فإذا انقرضوا انقرضت جميع لأن كل واحد منهم يسودون في شيء.



كلنا نفس الصحة فحيوانات يعضون و  
الإنسان يعتنون بالأشجار والحيوانات  
والنباتات يعطونا الهواء وأكل  
هذه القطعة باللمحة جيد



هذه اشجار باللمحة جيد

هذا شخص بمحبة

هكذا الحياة

\* Une seule santé s'est de être en bonne santé de se sentir bien. C'est la santé des animaux des humains et aussi des végétaux. comme les arbres et les plants



et aussi si il y a pas de fruit on va tous mourir

mais si on arrache pas les plants on n'aura pas d'air.

La plage est propre car les gens ne jette pas les déchets dans la plage. mais si la plage est sale la pollution va se propager.

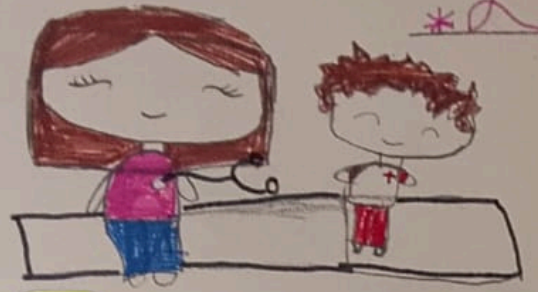
AMINA

ALAE

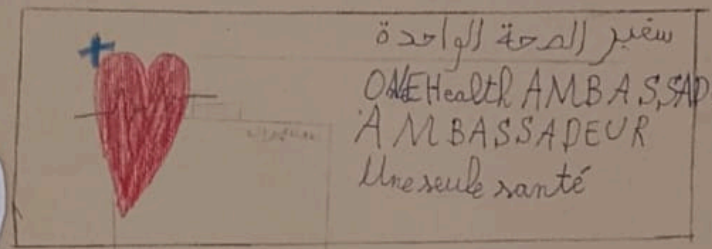
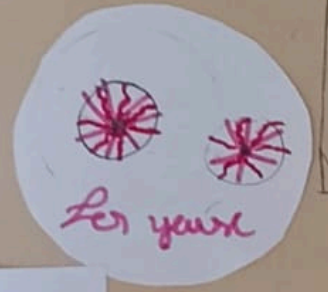
Safiya

Rania

\*La santé des être humains et le climat.



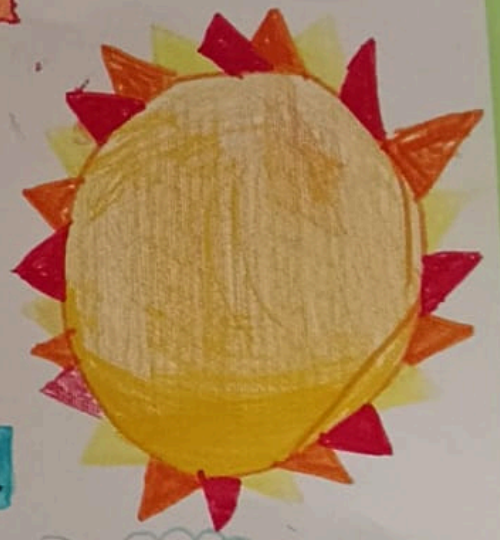
\*AMBASSADEUR UNE SEULE SANTÉ



Trop chaud = humains qui peut devenir malade = besoin de beaucoup d'eau



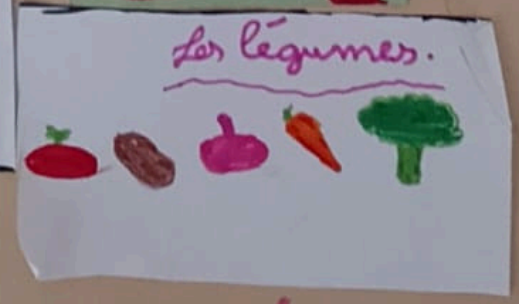
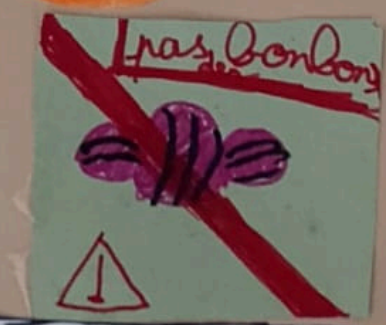
chaud



froid



VITAMINE (D)  
Le soleil il est important pour nous.  
et les végétaux et les fleurs

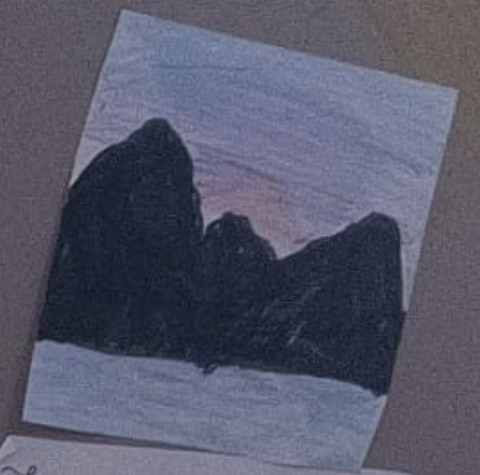
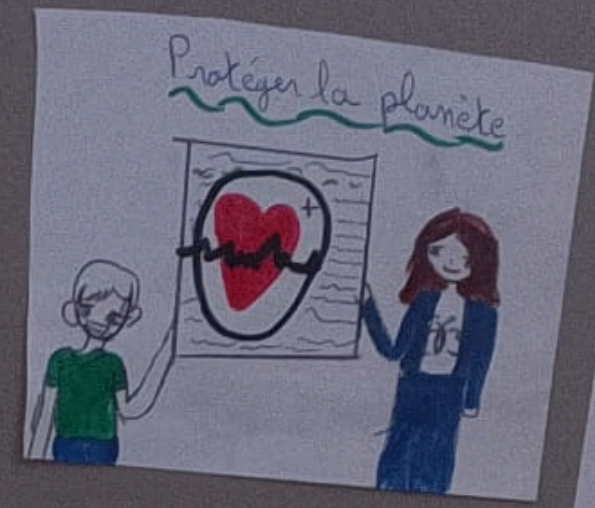


Mehdi - Zayn - Ghita - chaghaf - hiolaya - Regane.

pas bien pour notre santé, car il n'y a pas d'eau pas de plantes, même si il y a un arbre, mais il a besoin d'eau.



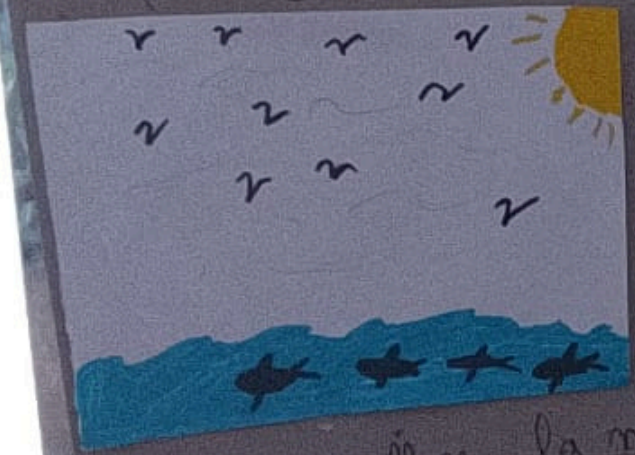
# Les végétaux et les climats



Les animaux ne peuvent pas vivre dans des environnements secs.



Les végétaux ont besoin d'un climat sain pour les protéger.





Ne pas polluer la mer car les poissons peuvent mourir.

On doit prendre soin des végétaux pour des fruits, légumes et de l'air pur.


*à faire bien pour l'environnement.*

- 1) Prendre soin des végétaux / On ne doit pas polluer.
- 2) Laver les fruits et légumes avant de les manger.
- 3) Vacciner les animaux.

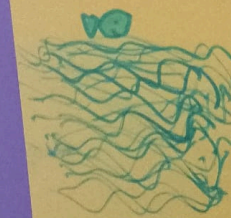
- 1) - Manger les fruits périmés.
- 2) - Couper les arbres.
- 3) - Jeter les déchets par terre.

Les animaux



Les animaux ont besoin d'un bon environnement car ils sont des êtres vivants.



Les humains ont besoin des animaux et des plantes pour vivre.

Les Humains



UN BON ENVIRONNEMENT

Un mauvais




# MÉTÉO CLIMAT

La météo change chaque jour, le climat évolue sur des années

## MÉTÉO

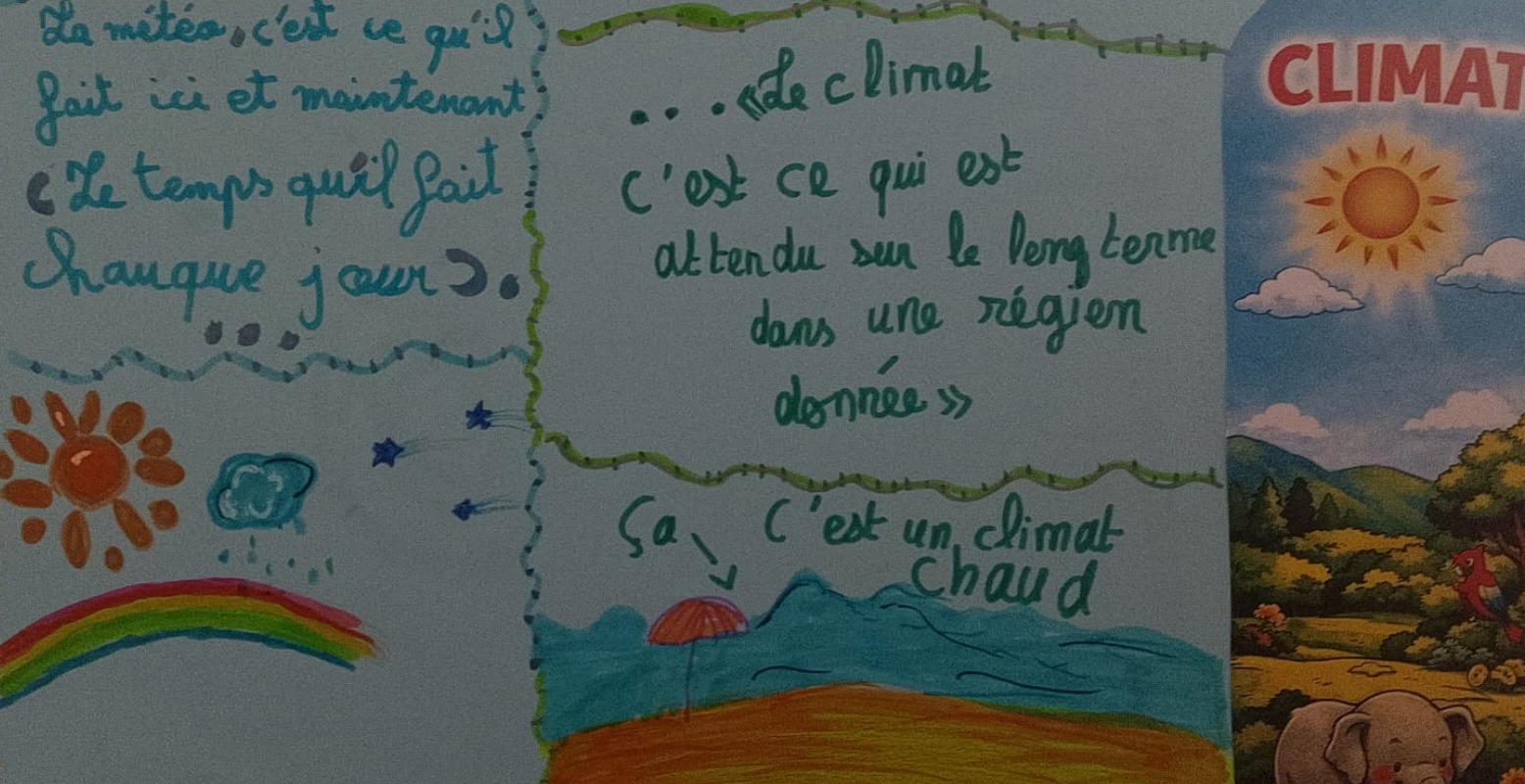
La météo, c'est ce qu'il fait ici et maintenant  
(Le temps qu'il fait chaque jour).



## CLIMAT


... «le climat c'est ce qui est attendu sur le long terme dans une région donnée»

ça → C'est un climat chaud



# NATURE Climat


Nature & Environnement



arbre

plante

Le Climat



température

fleur

# One Health Ambassadors in Action for Climate: Key Impacts



**Strengthening community action:** peer educators carrying a climate message



**Developing personal skills:** children as climate actors; complex concepts made accessible



**Creating supportive environments:** integration into school life and open exhibition to the community



**Reorienting health services:** the school as a place for health and climate promotion



**Developing healthy public policy:** the school integrates health & climate into its educational culture

# Conclusion: Key Messages



**1) Health promotion and the One Health approach:** complementary domains, inseparable within an integrated approach

**2) Early integration:** the One Health approach can be introduced from the earliest age, within the school setting

**3) Complex themes made accessible:** climate and global health topics become understandable and mobilizing for students

**From the earliest age, children can act for  
climate and planetary health !**



**THANK YOU FOR YOUR ATTENTION**