



# GREEN CONSTRUCTION

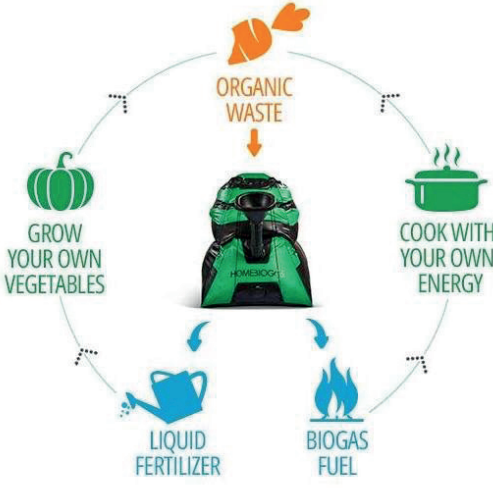
— HOMES —



# GREEN WASTE CENTER

## EDUCATION

THEME : IT TAKES A TOUGH MIND, TO MAKE AN IMPACT.  
LET'S THINK OF WASTE DIFFERENTLY, WASTE IS ENERGY.



# ABOUT US

---

Integrating the principles of sustainable development is a United Nations' goal. One aim of Cameroon's 2030 National Strategic Development Plan for Education for Sustainability is to equip all Cameroonians with the awareness, knowledge, skills, values and motivation to live sustainably in order that future generations can meet their needs. Education is fundamental to enabling people to achieve this goal.

Our main goal is to offer explanations for environmental, social, economic, cultural and corporate sustainability that show the broadness of the meanings that include aspects of corporate social responsibility.

## Our 4 Pillars Of Learning

### 01. SUSTAINABILITY EDUCATION

The UN Sustainable Development Goals underpin Green Education as a unifying framework for enhancing understanding of sustainability challenges, and to help us be more responsible global citizens.

### 02. INTERCULTURAL APPRECIATION

We believe that the diversity of cultures in our communities should be deeply respected and understood. Cameroon offers a vast richness of culture and traditions which are integrated into GWC education learning experiences and activities.

### 03. PERSONAL & SOCIAL DEVELOPMENT

Navigating the inner world can be more challenging and confusing than getting lost and finding your way out of a dense forest jungle. Through a range of experiences and activities students are able to develop a deeper understanding of themselves and others.

### 04. NATURE-BASED LEARNING

Full immersion in nature, with blurred lines between indoor and outdoor spaces, allows students to fully experience their place in the natural world's rich biodiversity. It is through this connection that students learn to care deeply about the world around them and become stewards for our planet.

# CURRICULAR

---

## **Lesson 1 : Eco-Action: Household and School Waste Eco-Audit: Exploring**

(Estimated time needed: Three 50–55-minute class periods)

This lesson begins with an introduction to green schools and a discussion about the value of a campus waste eco-audit. Then students launch an investigation into how waste is generated at the school and household. They work in groups to survey how much traditional waste is generated as well as to survey the amounts of various types of recyclables, compost, and e-waste generated at the school and household.

### **KEY OBJECTIVES**

- Define and describe composting, recycling, and e-waste.
- Describe materials that can be recycled in your community.
- Analyze the types of waste generated on your campus and household.
- Analyze the system for waste management on your campus and household.
- Explain why waste management is a priority for society.

### **PRIMARY SUBJECTS**

Sciences

### **SECONDARY SUBJECTS**

Arts, Civics and Government, Economics, Environmental Education, Mathematics, Reading or Language Arts

### **TOPICS**

Audit, green school, recycling, Waste, e-waste, municipal waste, Biodegradable, landfill, leachate, incineration, Compost, upcycle, sustainable economics

### **SKILLS**

Collaboration, Communication skills, Creative problem solving, Critical Thinking, Systems thinking

### **METHODS**

Brain-Based Learning, Design Thinking, Multi-Disciplinary, Multiple Intelligences, Project-Based Learning, Real-World Application, Technology Integration

# Lesson 2 : Eco-Action: Household and School Waste Eco-Audit: **Analyzing**

(Estimated time needed: Two 55-minute class periods)

In this lesson, students use the data they gathered in Lesson 1 to note trends in the way waste is produced on campus and household. They do research and interview campus and house personnel to find answers to questions and address gaps in their data. Then they analyze the data they've gathered, reflect on its importance, and begin considering ideas for improving waste management on campus and household.

## KEY OBJECTIVES

- Analyze eco-audit data from Lesson 1 to note trends in the way waste is managed on campus and household.
- Do research and conduct interviews to gain a deeper understanding of campus and household waste management.
- Synthesize data related to campus waste management practices and reflect on its importance.
- Brainstorm solutions for improving how waste is managed on campus and household.

## PRIMARY SUBJECTS

Career and Technical Education (CTE): Architecture & Construction, Career and Technical Education (CTE): Science

## SECONDARY SUBJECTS

Civics and Government, Environmental Education, Reading or Language Arts

## TOPICS

Waste, waste management, garbage, Data analysis, reduce, reuse, recycle

## SKILLS

Collaboration, Communication skills, Creative problem solving, Critical Thinking, Digital citizenship, Systems thinking

## METHODS

Brain-Based Learning, Multi-Disciplinary, Multiple Intelligences, Project-Based Learning, Real-World Application, Technology Integration

## VALUES

Curiosity, Empathy, Global Leadership, Mindfulness, Optimism, Resilience

# Lesson 3 : Eco-Action: Household and School Waste Eco-Audit: **Wrapping Up**

(Estimated time needed: Three 55-minute class periods)

In this lesson, students synthesize their data and ideas from Lesson 2. They share their results with the class and evaluate the effectiveness of the eco-audit. Students then strategize as a class and in small groups to plan how to recommend progressive changes to more effectively manage waste resources on campus and household.

## KEY OBJECTIVES

- Synthesize and share conclusions from their waste eco-audit.
- Compare and contrast the results of other teams' waste eco-audits.
- Evaluate the strengths and limitations of the information they gathered during the waste eco-audit.
- Create a plan for implementing changes on campus and household to more effectively manage wastes.

## PRIMARY SUBJECTS

Career and Technical Education (CTE): Architecture & Construction, Career and Technical Education (CTE): Science

## SECONDARY SUBJECTS

Civics and Government, Economics, Environmental Education, Mathematics

## TOPICS

Waste, waste management, Trash, garbage, Conservation, reclamation, reduce, reuse, recycle, up-cycle

## SKILLS

Collaboration, Communication skills, Creative problem solving, Critical Thinking, Digital citizenship, Systems thinking

## VALUES

Curiosity, Global Leadership, Mindfulness, Optimism, Resilience

# Lesson 4 : Eco-Action :

## From Organic waste to Farming

( Estimated time needed: Three 55-minute class periods )

In this lesson, students learn that Inadequate organic waste management leads to a plethora of problems such as environmental pollution, eutrophication, aesthetic damage to urban landscape, greenhouse gases emission and effects on human health. They learn that organic waste recycling improve the soil structure and increase crops yield.

Economically also, they learn that agricultural utilization of organic wastes reduces the cost of landfilling, transportation of wastes, imports and production cost of chemical fertilizers and opens avenues for rural employment. Finally, students will realize that if mankind has to be saved again, if people should be free of diseases, organic farming is the only way.

### KEY OBJECTIVES

- Students will learn about organic farming, food and products.
- Students will learn how to design and build a small community organic farm.
- Students will learn how to design and build green spaces in school.
- Students will compare organic and non-organic farming, food and products.
- Students will define the benefits of organic farming, food and products.

### PRIMARY SUBJECTS

Agriculture, Horticulture, Mathematics , Science , Humanities and Social Sciences (History, Geography, Civics and Citizenship, Economics and Business)

### SECONDARY SUBJECTS

Technologies (Design and Digital Technologies) , Health and Physical Education , Languages

### TOPICS

Organic Farming, Data correlation, infographic, Data analysis, Communicating results, renewable energy

### SKILLS

Collaboration, Communication skills, Creative problem solving, Critical Thinking, Digital citizenship, Systems thinking, Persuasion skills

### METHODS

Brain-Based Learning, Design Thinking, Multi-Disciplinary, Multiple Intelligences, Project-Based Learning, Real-World Application, Technology Integration

### VALUES

Curiosity, Empathy, Global Leadership, Mindfulness, Optimism, Resilience

# Lesson 5 : Eco-Action :

## Waste Data Is Beautiful!

(Estimated time needed: Three 55-minute class periods)

In this lesson, students learn how to communicate their campus waste management recommendations to administrators, the student body, and beyond. They learn strategies for presenting data in interesting, relevant, and visually appealing ways, such as through infographics. Then students take the information they collected and analyzed in Lessons 1–4 and create a plan for communicating their recommendations to campus administrators, parents, students, and others.

Finally, students execute their plans by writing letters to administrators, creating a showcase presentation of their findings, writing and performing in public service announcements, and implementing concrete student action plans.

### KEY OBJECTIVES

- Describe the usefulness of an infographic.
- Describe how data comparisons can make data more meaningful and accessible.
- Create relevant comparisons for waste eco-audit data.
- Create an infographic to communicate essential waste eco-audit data.
- Communicate eco-audit findings to relevant stakeholders.

### PRIMARY SUBJECTS

Career and Technical Education (CTE): Architecture & Construction, Career and Technical Education (CTE): STEM, Science

### SECONDARY SUBJECTS

Career Technical Education (CTE), Economics, Environmental Education

### TOPICS

Data correlation, infographic, Data analysis, Communicating results

### SKILLS

Collaboration, Communication skills, Creative problem solving, Critical Thinking, Digital citizenship, Systems thinking

### METHODS

Brain-Based Learning, Design Thinking, Multi-Disciplinary, Multiple Intelligences, Project-Based Learning, Real-World Application, Technology Integration

### VALUES

Curiosity, Empathy, Global Leadership, Mindfulness, Optimism, Resilience



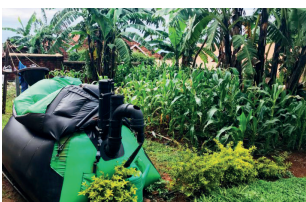
# OUR CAMP

---

At GWC education, we strive for a Transformative education, that is interactive and learner-centric with a strong emphasis on developing critical thinking skills, prepares students to become capable of addressing complex sustainability challenges to build a green economy in Cameroon by 2035.

## CAMP FEATURES

- HOME BIOGAS Technology that transform organic waste into fertilizer and Biogas,
- Learning Garden for agriculture
- Learning Garden for horticulture
- Learning area for Indian Bamboo construction.
- Restaurant
- Playing ground
- Computers,



# CAMP CALENDAR

---

- **Week 1 : Lesson 1**
- **Week 2 : Lesson 2**
- **Week 3 : Lesson 3**
- **Week 4 : Lesson 4**
- **Week 5 : Lesson 4**
- **Week 6 : Lesson 5**
- **Week 7 : Sharing datas about opportunities around waste management**





# SUSTAINABLE DEVELOPMENT GOALS



## ADDRESS

Titi garage, 5.022 Street Yaoundé 5, Yaoundé


## E-MAIL


office@GreenConstruction-homes.com

## GWC EDUCATION LOCATION

Mfou main road,  
next to Total Gaz station.

## TELEPHONE

 (+237)243.001.204

 (+237)677.771.825

## WEBSITE

Greenconstruction-homes.com

## FACEBOOK

Green Construction Homes Cameroon  
Green Home Depot Cameroon