



Self Help  
Africa



Help Us Plant  
**ONE MILLION TREES**

into



Irish National Teachers' Organisation  
Cumann Múinteoirí Éireann



# LESSON PLAN

Third/Fourth Class

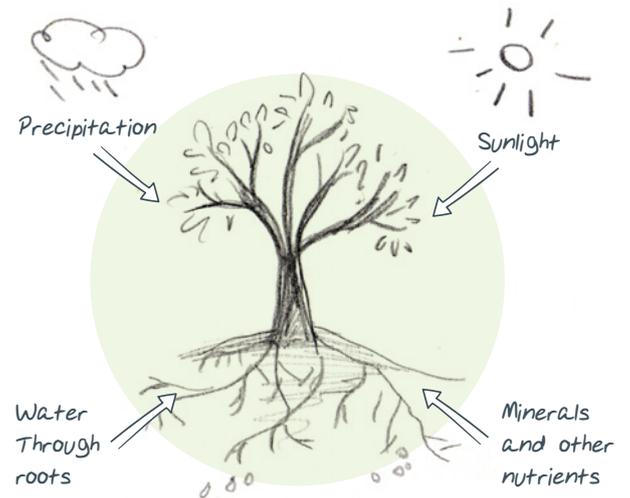
# LESSON PLAN

Third/Fourth Class

## 1 AIMS/OBJECTIVES

- ✓ Explore the various nutrients needed for trees to grow and thrive
- ✓ Identify the impact of climate change on trees
- ✓ Identify our role in impacting upon climate change
- ✓ Explore an African community/An Irish rural community and their links with trees

### Nutrients needed for trees



## 2 INTRODUCTION

1. KWL chart - What do we KNOW about trees?  
What do we WANT to know about trees?

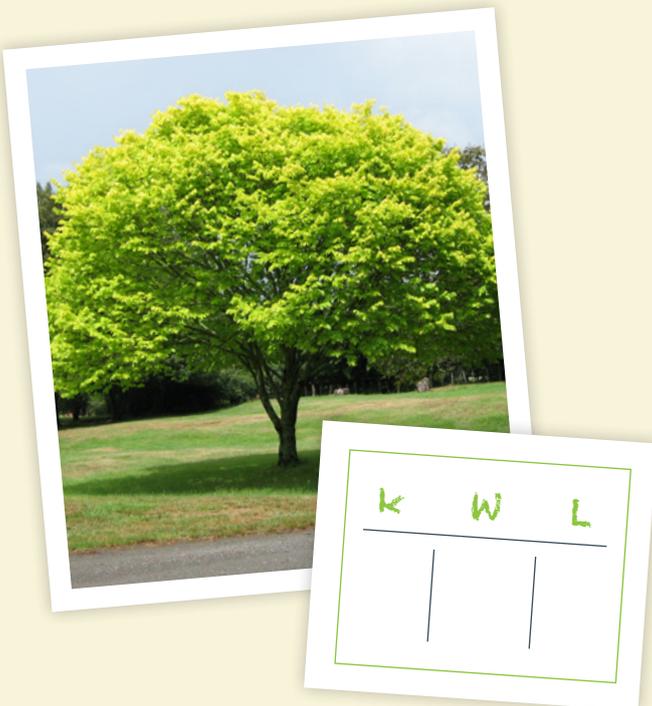
### Discussion Questions:

- What is climate change?
- What do know about climate change?

2. Conduct an experiment on the various elements needed to successfully grow a plant/tree.

### Discussion Questions:

What impact does air, water and light have on trees/tree growth?



### 3 TASKS

- Explore what the children know about climate change (pair/group work).

#### Discussion questions – pair/group work

- What is climate change? What are the effects of climate change?
- Do we see effects locally or nationally in relation to climate change? Where? How?
- How does this impact on our trees and environment?

#### Thinking Questions - Identify and discuss

In groups, identify actions which harm the environment. Identify positive actions which can have an impact and prevent climate change. What is our role in this? What small positive actions can we take to play a part in preventing climate change? Does climate change impact upon anything other than trees?

- Africa/Ireland case study - Mary's Mango: <https://www.youtube.com/watch?v=sD4qcxczVvY>

## Impact of Climate Change



Case study: Mary's Mango

### 4 CONCLUSIONS

1. Present facts and findings from case studies to the class.
2. KWL Chart/Class Review - What we learned about the effects of climate change and climate action on our communities and that of others in the wider world. What we have in common and how climate change may affect areas differently but how it affects everyone on the planet



## 5 INTEGRATION

### Third/Fourth Class

- **Geography:** Human environments, Natural environments, Environmental awareness and care
- **SPHE:** Myself and Others, Myself and the wider world
- **English:** Oral Language



Azeb Abebe, tree planting with Self Help Africa at Lake Ziway, Ethiopia.

## Help Us Plant **ONE MILLION TREES**

In Africa, the people least responsible for climate change are feeling its worst effects.

Self Help Africa supports communities to plant trees: which can provide **food, fertiliser, income, shade and shelter.**

**Plant trees. Reduce carbon and combat poverty.**

Visit [selfhelpafrica.org/onemilliontrees](https://selfhelpafrica.org/onemilliontrees)

Email: [sean.mcmahon@selfhelpafrica.org](mailto:sean.mcmahon@selfhelpafrica.org)