# Capacity Development for Educators

Caleb Mandikonza

caleb.mandikonza@wits.ac.za



### **Interesting notes**

Teaching is a cultural practice in a cultural context for the purpose of learning

- Teachers as mediators of learning which is a core element of the cultural practice
- The curriculum and curriculum knowledge is the centre of, and drives classroom learning, hence role of CH is still ideal on the most and its integration is led by agents
  - Classrooms are multicultural contexts for the cultural practice
- CH knowledge practice and education as a decolonization too

Contexts and concepts relationship

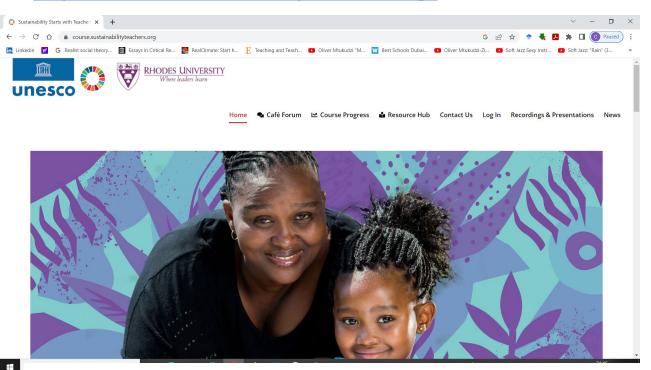
Learning as connection

nowle

syste

#### Sustainability Starts with Teachers:

https://course.sustainabilityteachers.org/



Southern African Journal of Environmental Education, Vol. 35, 2019



Integrating indigenous knowledge practices as context and concepts for learning of curriculum science: A methodological exploration

Caleb Mandikonza, University of the Witwatersrand, South Africa



https://fundisaforchange.co.za/

**UNESCO ROSA ToT on Living Heritage** 

#### Contents

#### ORIENTATION

Introduction	4
What is indigenous knowledge?	4
Why is indigenous knowledge important?	4
How do these units support teaching and learning about indigenous knowledge?	4
Indigenous Knowledge in the CAPS	5
The intermediate phase Indigenous Knowledge units	5
Indigenous knowledge in the CAPS	5
UNIT 1 - ECOSYSTEMS AND STRUCTURES	
Subject Content Knowledge	11
Indigenous knowledge of habitats of plants and animals	11
Indigenous housing structures	13
Teaching Practice	16
Assessment Practice	16
UNIT 2 - ENERGY AND SYSTEMS AND CONTROL	
Subject Content Knowledge	19
Traditional energy sources	19
Traditional musical instruments	20
Teaching Practice	22
Assessment Practice	22
UNIT 3 – PROCESSING	
Subject Content Knowledge	25
Traditional processing	25
Traditional processing and uses of metals	27
Traditional foods and food processing	28
Teaching Practice	30
Assessment Practice	30
<u> </u>	

# Which educators need capacity?

- Formal Education- Mainstream education (phased and classroom based)
- primary (phased?),
- high school,
- tertiary (mainstream and techvoc)

 Informal education- learning through practice in noneducation contexts

# What form of capacity is required?

- To develop understanding that enables them to take notice of and select appropriate cultural heritage (300 000 + years of curriculum knowledge)
- To document CH whenever they have it (written/ audio recorded/ video recorded
- Write these into usable materials, taking note of context of learning and innate nature of some CH
- Finding the fit between curriculum knowledge and cultural heritage knowledge (may involve curriculum interpretation and review as starting point – teacher competences key)
- Capacity to respect ethical procedures that are not extractive and appropriate CH from the holders "knowers" with an ethics of care

# What form of capacity is required?

- To employing appropriate pedagogical approaches/ methods/ techniques to integrate cultural heritage
- To be able to integrate CH into assessments (however, for the schools sector, this requires a relationship and alignment with the national assessment bodies for it to work)
- To try out small experiments to generate knowledge on possibilities
- To integrate CH into multicultural classrooms and to respect all forms of culture
- For research
- <u>Note</u>: capacity to raise CH to the level of knowledge (decolonial interests), not a patch-up: dealing with HEGEMONIES

### Mechanisms needed

- Systematic professional development to Deepen understanding of (educations) including global citizenship education, ESD, climate change education, multicultural education, peace education, etc and how they interact/ intersect, among in-service educators
- Teacher education policy enunciation to include CH
- Systematic and intentional integration of (educations) including global citizenship education, ESD, climate change education, multicultural education, peace education, etc and how they interact/ intersect, among in-service educators in the explicit curriculum
- Promote multistakeholder partnerships to unlock and harmonize efforts for capacity development
- Expansion of current approaches to teacher professional development

### Marang SOTL (Wits)

In association with the UNESCO Chair in Teacher Education for Diversity & Development