

Training of Trainers Rapid Teacher Training Programme on Open, Distance and Online Learning

Module 2b



Agenda

Group 1: 20-24th April, 2021

Group 2: 26-30th April, 2021

Group 3: 3-7th May, 2021

Group 4: 10-14th May, 2021



Introduction:

In light of pressures placed on teachers and students during the COVID-19 pandemic as they switch from traditional methods to remote teaching and learning, UNESCO Regional Office for Southern Africa and the Zimbabwean Ministry of Primary and Secondary Education (MoPSE) have developed a programme to provide Zimbabwean educators with the necessary skills. Module 2b of the Zimbabwe Rapid Teacher Training for Open, Distance, Online Learning programme is entitled, *Developing learning materials using Open Educational Resources (OER)*.

This module aims to alert teachers to the potential of using and creating OER. It also aims to provide them with practical skills to search for, evaluate, adapt and use OER in their teaching. The module shows educators how to create, licence and share their own open resources.

The module's methodology tries to model a method to teach remotely that can be emulated by teachers when tasked with Emergency Remote Teaching (ERT). It uses synchronous communication technologies, ZOOM and WhatsApp, as a platform for professional development. There are four multimedia tutorials that can be accessed on a cell phone, tablet, laptop or PC. The tutorials, and expert and peer communications, do require participants to have a digital device and internet connectivity.

Module Content

Description of tutorial 1: Short tutorial that defines OER, outlines their benefits in comparison to fully copyrighted teaching materials and introduces Creative Commons licencing and how to decipher them.

- Interim discussion topic: "What role for OER in Zimbabwe?"

Description of tutorial 2: Short tutorial that demonstrates how to search for resources aligned to the MoPSE Zimbabwe curriculum using search tools such as Google Advanced search, Google image search, Creative Commons search and YouTube filters. It also investigates a number of open repositories ideal for primary and secondary educators.

- Interim discussion topic: "What problems searching for OER for Zimbabwean educators?"

Description of tutorial 3: Short tutorial on how to adapt existing OER and also what to consider when developing your own open resources. It also demonstrates how to generate your own licence plate using the Creative Commons Licence Generator tool.

- Interim discussion topic: "What teaching resources are in demand in Zimbabwe?"

Description of tutorial 4: Short tutorial on how to publish your open resources on both the Zimbabwe EduConnect portal and on OER Commons. The tutorial also provides teachers with a set of criteria to ensure high quality of published open resources.

- Final assignment: Upload and register resource on EduConnect.

Module Objectives / Outcomes per tutorial

On completion of Module 2b's four tutorials, participants will be able to,

Tutorial 1 – Use OER for teaching and learning

- define the concept OER;
- explain the potential benefits of using OER for African educators
- understand open licensing;
- Be able to decipher the various rights and permissions contained in Creative Commons licensing.

Tutorial 2 – Find OER for teaching and learning

- ensure OER search terms align with the requirements of the MoPSE curriculum;
- search for open content using common tools and filters (such as on Google Advanced Search and the YouTube Creative Commons filter) as well as specialized services (such as Creative Commons Search) to find open media;
- investigate well-known open content repositories that contain open resources (both institutional and global) suited to primary and secondary syllabi.

Tutorial 3 – Create your own OER

- explain the benefits of adapting OER;
- revise and remix OER;
- create OER;
- license OER with a CC licence.

Tutorial 4 – Share your OER with others

- publish OER on the EduConnect portal;
- Publish OER on OER Commons;
- Evaluate OER to be published;
- Explain what other open content is available beyond OER.

Module assignment

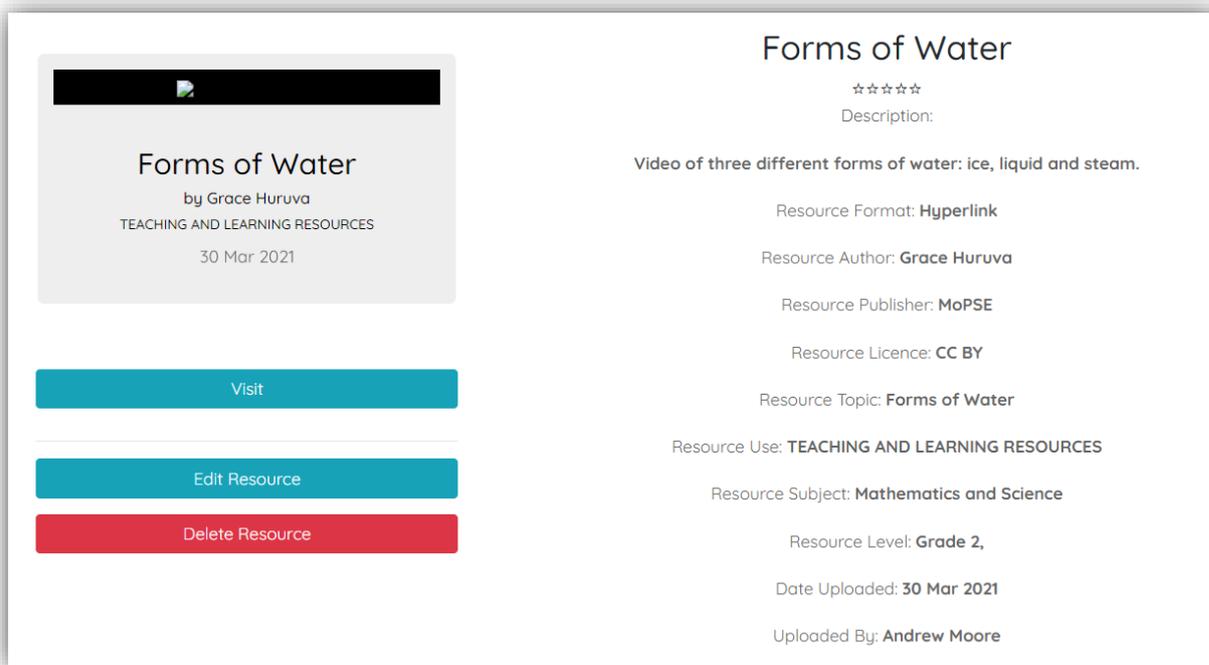
The final assignment is to apply the information studied in the four tutorials, to either adapt existing OER for the Zimbabwean context or to create new resources aligned to the MoPSE curriculum statements. All OER must be openly licensed and include the Creative Commons licence plate. These resources need to be uploaded into the EduConnect database and have the appropriate metadata captured.

Assessment criteria

	There is evidence that the participant has...	No evidence	Partly achieved	Achieved
1	adapted, or created two (or more) new, quality teaching and learning resources.	0	1	2
2	clearly stated on each resource how it is aligned to a specific MoPSE curriculum statement.	0	1	2
3	added a Creative Commons licence to each resource using the CC licence generator	0	1	2
4	successfully uploaded two resources (or more) into the EduConnect repository, captured the appropriate metadata, and posted a screen shot of each record on the WhatsApp group.	0	2	4
Total out of 10				

Indicators

Participants will have to demonstrate that they have successfully uploaded at least two unique, new, OER into the EduConnect database by posting on the WhatsApp group at least two screen captures (see example below) that provide evidence that they are the author of the new submissions. Participants will also have to describe pros and cons to the group, via the Whatsapp group how they created their resource.



Forms of Water
★★★★★
Description:
Video of three different forms of water: ice, liquid and steam.

Resource Format: **Hyperlink**
Resource Author: **Grace Huruva**
Resource Publisher: **MoPSE**
Resource Licence: **CC BY**
Resource Topic: **Forms of Water**
Resource Use: **TEACHING AND LEARNING RESOURCES**
Resource Subject: **Mathematics and Science**
Resource Level: **Grade 2**
Date Uploaded: **30 Mar 2021**
Uploaded By: **Andrew Moore**

Methodology of delivery

The training is an example of a bichronous training model. The online sessions are divided into synchronous, i.e., real time discussions using the Zoom platform, and asynchronous, i.e., messaging and discussions on WhatsApp and individual self-study using the multimedia tutorials. Each group has their own WhatsApp group through which to engage with peers and the facilitator.



Link - <https://chat.whatsapp.com/H5XD0IQIA1WL7AC86sH8Yz>



Link - <https://chat.whatsapp.com/DMZb221CaqyEhI9C4P16VP>



Link - <https://chat.whatsapp.com/GA1qcGG9NmhF0LnIZOns7K>



Link - <https://chat.whatsapp.com/JhLUgNhW1ZsEcoYc66TiBF>



Notional hours

Module 2b is 8 notional hours long, distributed over 5 days.

Training prerequisites

For the training to be effective it is advised that the following prerequisites are in place prior to the commencement of the training sessions.

Target audience:

- The training is aimed at Zimbabwean educators.
- Ideally, participants should be in a position where they have been tasked with teaching remotely and have a desire to grow professionally in this regard;
- Primary, Secondary and even Higher Education (HE) practitioners are welcome, however, individuals should have a fair knowledge of their subjects/learning areas curriculum documents as published by MoPSE or related HE authorities;
- Very basic ICT skills are required. Participants need to be able access Zoom and WhatsApp apps on their digital device. They also need to know how to open a browser and use the internet on these same devices;
- Ideally participants should also have a digital teaching resource they can licence and share with others during the training.

Technology requirements

- Hardware - participants will need access to a digital device: smart phone, tablet, laptop or PC;
- Software/apps – Participants will need access to a free Zoom and WhatsApp app and an internet browser app;
- Connectivity – An internet connection/data is required.

Pre-Training activity

Participants should read the following article before the training commences:

OER Africa. (2021). *Why is Open Education important?* Available online at <https://www.oerafrica.org/content/why-open-education-important> (CC BY-SA)

Agenda

#	Day Time	Activity	Notional minutes
1	Monday 14h00 – 14h45 (except Group 1: who will start on Tuesday 20 th April at 14h00)	Zoom synchronous session #1: Welcome and Orientation. Discussion will cover, <ul style="list-style-type: none"> - Welcome from Julia Heiss and Lovemore Ndlovu (UNESCO ROSA – Harare) - Introduction to the training (Facilitator: Andrew Moore) - Participant’s expectations - Course methodology and facilitator’s expectations - The module assignment details - Introduction to tutorial 1 (Link here) 	45
2	Monday 15h00 – Tuesday 13h59	WhatsApp asynchronous session #1: <ul style="list-style-type: none"> - Self-study of tutorial 1 – Use OER for <i>Teaching and Learning</i> - Group discussion on WhatsApp. “What 	60

		role for OER in Zimbabwe?”	
3	Tuesday 14h00 – 14h45	Zoom synchronous session #2: Introducing OER. <ul style="list-style-type: none"> - Feedback on tutorial 1 experience - Finding OER discussion - Introduction to tutorial 2 (Link here) 	45
4	Tuesday 15h00 – Wednesday 13h59	WhatsApp asynchronous session #2: <ul style="list-style-type: none"> - Self-study of tutorial 2 – <i>Find OER for Teaching and Learning</i> - Group discussion on WhatsApp. “What problems searching for OER in Zimbabwe?” - 	60
5	Wednesday 14h00-14h45	Zoom synchronous session #3: Adapting existing and creating your own OER. <ul style="list-style-type: none"> - Feedback on tutorial 2 experience - Considerations when creating your own open resources - Introduction to tutorial 3 (Link here) 	45
6	Wednesday 15h00 – Thursday 13h59	WhatsApp asynchronous session #3: <ul style="list-style-type: none"> - Self-study of tutorial 3 – <i>Create your own OER</i> - Group discussion on WhatsApp. “What teaching resources are in demand in Zimbabwe?” - 	60
7	Thursday 14h00-14h45	Zoom synchronous session #4: Licence and share your OER. <ul style="list-style-type: none"> - Feedback on tutorial 3 experience - Considerations when licencing and sharing OER - Introduction to tutorial 4 (Link here) - Assignment details – Upload your OER into EduConnect 	45
8	Thursday 15h00 – Friday 13h59	WhatsApp asynchronous session #4: <ul style="list-style-type: none"> - Self-study of tutorial 4 – <i>Share your own OER</i> - Work on assignment 	60
9	Friday 14h00-15h00	Zoom synchronous session #5: OER Showcase. <ul style="list-style-type: none"> - Showcase of newly submitted OER on EduConnect - Discussion on how to train other teachers to embrace OER. 	60

Feedback and evaluation

On completion of the week's training participants will be required to complete an evaluation form on Google Forms. The link to the evaluation form is below:

https://docs.google.com/forms/d/e/1FAIpQLSd6q_H_IedY5nU9oApeuoaC4BikZ9fgV3bjj7VoXShy_fFN1A/viewform?usp=sf_link

Resources

Interactive multimedia tutorials have been developed to support the training

Landing page

[UNESCO Harare / Ministry of Primary and Secondary Education \(MoPSE\) Zimbabwe / OER Africa | OER Africa](#)

Individual links:



[1: Using OER for Teaching and Learning - Overview \(oerafrica.org\)](#)



[2: Find OER for Teaching & Learning - Overview \(oerafrica.org\)](#)



[3: Create your own OER - Overview \(oerafrica.org\)](#)



[4: Share your OER with others - Overview \(oerafrica.org\)](#)