

OER for STEM Education Workshop - Tonga

September 30 – October 2, 2024; USP Tonga Campus in Nuku'alofa, Tonga

Prepare for the Workshop

Required Pre-workshop Course

Mentors should guide participants to:

- complete this short course [Understanding Open Educational Resources \(OER\)](#) ahead of or during the workshop. The course takes 2 hours to complete
- e-mail Certificate of Completion to: pacificpartnership@col.org, as evidence of completion

OER Resources for STEM Subjects

Most workshop activities will utilise resources from these sites:

- [Open Educational Resource Collection PACIFIC](#) (OER4PACIFIC)
- [Tonga National OER Collection Site](#) (OER4TONGA)
- [AI -Powered OER Generator](#) (login info will be provided during the workshop)

Additional Reading

Participants should aim to be familiar with these sites:

- [Integrating OER in Teaching: A Guide for Teachers in the Pacific](#)
- [OER Finding Guide](#)
- [Teacher Education in Sub-Saharan Africa \(TESSA\)](#)

Some Relevant Short Courses

Find short courses relevant to your subject area on the [ODL Course Catalogue for the Pacific](#), including:

- [Teaching Mathematics with Technology \(TMT\)](#) (4 weeks to complete)
- [Teaching Chemistry with Technology \(TCT\)](#) (4 weeks to complete)
- [Geometry](#) (5 hours to complete)

Workshop Programme

Monday, September 30, 2024

Theme: Open Educational Resources in Teacher Training

Time	Session No	Topic	Comment/Responsible
09:00	1	Registration	
09:30	2	Welcome and Introductions	Facilitator-led
10:00	3	Official Opening Session	Facilitator-led
10:30	4	Background and workshop objectives	Facilitator-led
11:00		Break	
11:10	5	OER and AI: Educational Evolution or Concern?	Facilitator-led
12:10	6	Meet your group – introductions and group objectives	Mentor-led
01:00		Lunch Break	
02:00	7	Presentation on Open Educational Resources for teacher training in the Pacific	Facilitator-led
02:30	8	Understanding OER: Accessing the OER Collection Site ('Regional Tool') Demonstration	Facilitator-led
03:00	9	Online / Group Task 1 of 3: (Integrating OER in your subject)	Mentor-led
04:00	10	Feedback, discussion and reports	Mentor-led
04:30	11	Wrap-up & Closure	Facilitator-led

Tuesday, October 1, 2024

Theme: OER for STEM Education

Time	Session No	Topic	
09:00	1	Registration	
09:30	2	Presentation on the AI OER Creation Tool	Facilitator-led
10:00	3	Online / Group Task 2 of 3: (Using AI to Integrate OER in your subject)	Mentor-led
11:00		Break	
11:10	4	OER resources for STEM teaching I (Activity: Regional repository)	Facilitator-led
12:10	5	OER resources for STEM teaching II (Activity: National repository)	Mentor-led
01:00		Lunch Break	
02:00	6	Group presentations and discussion	Mentor-led
		Online / Group Task 3 of 3: (Integrating OER in your subject)	Mentor-led
03:30	7	Hands-on Session: Participants create and curate OER content using various digital tools and platforms	Facilitator-led
04.30	8	Wrap up & Closure	Facilitator-led

Mentors' Post Workshop Session

Wednesday, October 2, 2024

Theme: OER Implementation Strategies and Sustainability

Time	Session No	Topic
09:00	1	Presentation: Sustainable Implementation of OER in STEM Education (Presentation of country Case Studies)
10:00	2	Interactive Session: Building OER Communities of Practice
11:00		Break
11:10	3	Post Workshop Activities: Case Studies and Communities of Practice
12:10	4	Way forward