



Name of the Activity: Digital Water Quality Monitoring

	Outcomes	Teaching and Learning activities	Assessment
	Having taken this activity, the participants will be able to:	The participants will be taught to achieve this specific outcome through the following learning activities:	The participants will be assessed on their achievement of this specific outcome through the following assessment tasks:
Blended Learning Format - Face-to-face	Understand the significance of water quality and its role in sustainability.	Introduction to water quality parameters and their impact on ecosystems and human health.	Participation in class discussions; ability to explain the importance of water quality.
	Learn how to use simple tools to measure water quality parameters.	Demonstrations of using pH test strips, thermometers, and turbidity observations during fieldwork.	Observation of correct tool usage and accuracy of recorded data.
	Analyze and interpret data to identify patterns and concerns.	Inputting collected data into spreadsheets and creating graphs or charts for visualization.	Evaluation of data analysis accuracy and visual representation quality.
	Communicate findings effectively through reports and presentations.	Preparing interactive reports and digital presentations summarizing water quality findings.	Assessment of report clarity, visual appeal, and depth of analysis.
	Reflect on the importance of sustainable water management practices.	Group discussions and written reflections on water monitoring's role in sustainability.	Submission of reflection essays or verbal feedback during discussions.
Interactive Learning Tablet	Reinforce understanding of pH, temperature, and turbidity roles.	H5P-task – drag and drop.	Assessment via interactive tasks.
	Assess understanding of water quality monitoring.	H5P-task – multiple choice.	Assessment via interactive tasks.