


Persona Card - Learning Design

	<p>Name: Siwinu Gender: Female Age: 42-year-old Location: Pacific Island</p> <p>Siwinu is a single mother of two primary school-aged children. As the eldest in her family, she carries major responsibilities. She lives in her village with her children, her widowed mother, and two younger siblings, and she is the main caretaker of her elderly mother. She travels one hour by bus each day to work at a boarding secondary school.</p>
<p>Education and experience</p>	<p>Siwinu holds a Bachelor of Education (Secondary) in Preservice Science and has 10 years of experience teaching secondary science. She currently teaches Chemistry and other STEM subjects, although she has not received formal STEM training.</p>
<p>Role and responsibilities</p>	<p>She works as a Chemistry teacher and Science Subject Master at a boarding school. Her teaching hours run from 7:30am to 1:00pm, followed by extracurricular activities from 2:00pm to 4:00pm. Every three weeks, she is assigned boarding duties from 4:00pm to 10:00pm. In addition to her school responsibilities, she cares for her children and elderly mother and participates actively in community obligations such as customary events, funerals, bride price contributions, and other forms of community service.</p>
<p>Technical skills</p>	<p>Siwinu confidently uses PowerPoint, publishers' resources, and Microsoft Word. She has limited skills in Microsoft Excel and only basic knowledge of Google Classroom and Zoom. She struggles with learning new software and is mainly exposed to common-brand mobile phones and older Windows desktop computers.</p>
<p>Subject domain skills and knowledge</p>	<p>She has never taught online before. The only digital teaching she has done is sending PDF notes to students through WhatsApp. She does not know how to design or deliver STEM lessons online.</p>
<p>Motivation and desires</p>	<p>Siwinu cares deeply about her students, many of whom live in rural and remote areas. Tribal conflicts, flooding, poor roads, and high bus fares often stop them from coming to school. She sends PDF notes via WhatsApp, but many still cannot access learning due to no electricity or internet. She wants to learn online teaching skills so she can reach all her students and support their learning.</p>
<p>Goals and expectations</p>	<p>She aims to teach STEM subjects online using mobile phones and to design engaging, accessible lessons for all students. This includes students in rural and remote areas, as well as Flexible, Open, and Distance Learning (FODE) students who are upgrading their marks, continuing their studies, or returning to school after several years away, and who otherwise cannot access regular STEM classes.</p>
<p>Obstacles to their success</p>	<p>Her challenges include unstable internet connectivity, limited access to devices, difficulty with academic English, and heavy family and work responsibilities. At times, the weight of these responsibilities affects her motivation.</p>
<p>Unique assets</p>	<p>Siwinu is an experienced and committed STEM teacher who is passionate about equity and inclusion. She has a strong ability to connect lessons to real-world contexts and is deeply dedicated to creating opportunities for all learners.</p>