GREEN DIGITAL SKILLS

Green Digital Skills for Young Professionals in Green Careers

Exercise 2: Green Digital Skills Challenge

Duration: Around 2 hours

Materials needed:

- Pen and paper or digital note-taking device

- Access to the internet for research (optional)

- Green Digital Skills Challenge materials (downloadable worksheet)

- Optional: Laptop or tablet for online research and presentation

Goal(s):

This exercise aims to test and reinforce participants' green digital skills through a series of creative challenges. By solving real-world problems within a green context, participants will enhance their data analysis, communication, collaboration, and innovation abilities.

Why do this exercise:

Challenge yourself! By tackling diverse scenarios and problem-solving tasks, you'll strengthen your green digital skills, preparing you to address complex issues in green jobs and careers.

Instructions

Step 1: Challenge Setup

● Review the training video, then the objectives of the challenge and how participants are expected to apply their green digital skills to solve the tasks.

Step 2: Challenge Tasks

● The student(s) is/ are presented with a series of challenge tasks, each focusing on a specific aspect of green digital skills. They should choose one of them among:

o   Data Analysis: Analyze a set of environmental data to identify trends and patterns, and propose actionable insights for sustainability improvement.

o   Communication: Craft a persuasive blog post or infographic advocating for a green initiative or environmental cause.

o   Collaboration: Work with a partner or team to develop a collaborative project plan for implementing a green technology solution in a local community.

o   Innovation: Brainstorm and prototype a digital tool or application that addresses a pressing environmental issue, considering user needs and feasibility.

● Students should think creatively and leverage digital tools and resources to solve the challenges effectively.

Step 3: Challenge Implementation

● Students can work individually or in small groups to complete the challenge tasks, using online research materials.

Step 4: Solution Presentation

● After completing the challenge tasks, each student (or group of students) will prepare a presentation illustrating their solutions, explaining their approach, rationale, and outcomes.

Step 5: Reflection and Learning

● Participants should reflect on their strengths, areas for improvement, and potential applications of green digital skills in their future careers.

Table or worksheet that students can use to complete the different challenge tasks of Exercise 2:

Challenge Task	Description	Student(s)	Link to the presentation/task performed or done
Data Analysis	Analyze a set of environmental data to identify trends and patterns, and propose actionable insights for sustainability improvement.		
Communication	Craft a persuasive blog post or infographic advocating for a green initiative or environmental cause.		
Collaboration	Work individually, with a partner or a team to develop a collaborative project plan for implementing a green technology solution in a local community.		
Innovation	Brainstorm and prototype a digital tool or application that addresses a pressing environmental issue, considering user needs and feasibility.		