



Intra-personal Competences

Team Working Skills



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Collaborative Problem Solving for Sustainability

Title: Designing a Sustainable Office Space

Duration: 90 minutes

Materials Needed:

- Computers or tablets with internet access
- Access to design software or drawing materials (e.g., Canva, Google SketchUp, paper, and markers)
- Whiteboard or flip chart
- Markers
- Notepads and pens

Goals:

- To enhance team working skills through collaboration on a sustainability project.
- To practice effective communication and problem-solving within a team.
- To learn how to incorporate sustainable practices into office design.

Why Do This Exercise: Collaborative problem-solving is essential in green careers, where teamwork is often required to develop and implement sustainable solutions. This exercise helps students practice these skills in a practical context.

Instructions Step by Step:

- 1. Introduction (10 minutes):**
 - Briefly explain the importance of teamwork and collaboration in sustainability projects.
 - Introduce the task of designing a sustainable office space, highlighting key sustainability considerations (e.g., energy efficiency, waste reduction, use of sustainable materials).
- 2. Group Formation and Task Assignment (5 minutes):**
 - Divide students into small groups of 4-5 members.
 - Assign each group the task of designing a sustainable office space for a hypothetical green company.
- 3. Planning and Brainstorming (20 minutes):**
 - Groups will brainstorm ideas for their sustainable office design, considering aspects such as layout, materials, energy sources, and waste management.
 - Encourage students to discuss and agree on a collaborative approach to the project.
- 4. Design and Development (40 minutes):**
 - Groups will create their office design using design software or drawing materials.
 - They will document their design choices and how they contribute to sustainability.
- 5. Presentation (10 minutes):**
 - Each group presents their office design to the class, explaining their sustainability choices and the collaborative process.



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- Facilitate a brief Q&A session after each presentation.
6. **Debrief and Reflection (5 minutes):**
- Discuss the importance of collaboration and teamwork in achieving sustainability goals.
 - Reflect on the team working skills developed during the exercise and how they can be applied in green careers.

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