



WP3 – INTERACTIVE INFOGRAPHICS FOR CAREER MANAGEMENT SKILLS

Problem Solving

CALL-TO-ACTION ACTIVITY

THEMATIC AREA

Prepare – skills for job seeking

ACTIVITY TITLE

Interactive Problem-Solving Challenge

TYPE OF RESOURCE

Online Interactive Quiz



DURATION OF ACTIVITY (IN MINUTES)

40 minutes

LEARNING OUTCOME

- Outline the fundamentals of effective problem-solving techniques
- Apply practical problem-solving techniques in career preparation
- Overcome challenges and obstacles with a solution-oriented mindset

AIM OF ACTIVITY

This activity engages learners in an online quiz, fostering active participation and knowledge application in the context of career problem-solving.

MATERIALS REQUIRED FOR ACTIVITY

- Online quiz platform (e.g., [Google Forms](#), [Kahoot!](#)).
- Prepared interactive quiz questions related to career problem-solving.
- Internet access.

STEP-BY-STEP INSTRUCTIONS

Step 1: Introduction

- Read the activity introduction provided
- Reflect on the importance of problem-solving in career preparation and the most relevant tools, methods and approaches available

Step 2: Online quiz

- Access the online quiz platform [provide link]
- Engage actively and thoughtfully with the interactive quiz questions related to problem-solving in the career context

Step 3: Self-reflection

- Reflect on the quiz results and consider the justification behind correct answers
- Reflect on alternative approaches to problem-solving considered during the quiz

TEMPLATE

Step 1: Introduction

Problem-solving is integral to career preparation as it equips individuals with the agility to navigate challenges. In a dynamic job market, effective problem-solving skills enable individuals to address setbacks, adapt to changes, and seize opportunities. Whether it's overcoming obstacles in job searches, crafting innovative career strategies, or displaying resilience in the face of setbacks, problem-solving fosters a proactive mindset. By mastering this skill, individuals not only enhance their decision-making capabilities but also cultivate the resilience needed for a successful and fulfilling career journey. Problem-solving is, therefore, a cornerstone for young VET learners aiming to thrive in the evolving landscape of professional development.

Step 2: Online quiz

Suggestion of some questions to create the quiz.

Part 1: Fundamentals of effective and practical problem-solving techniques in career preparation

Question 1: What problem-solving technique involves generating many ideas in a group setting to address a specific challenge?

- a) SWOT Analysis
- b) Mind Mapping
- c) **Brainstorming**
- d) Pareto Analysis

Question 2: Which technique visually organises information and ideas around a central concept, making it useful for problem-solving and decision-making?

- a) Fishbone Diagram
- b) **Mind Mapping**
- c) Root Cause Analysis
- d) SWOT Analysis

Question 3: What problem-solving method involves identifying the underlying causes of a problem to address it at its source in career preparation?

- a) **Root Cause Analysis**
- b) Fishbone Diagram
- c) SWOT Analysis
- d) Pareto Analysis

Question 4: What analysis helps individuals identify internal strengths and weaknesses, as well as external opportunities and threats in the context of career preparation?

- a) **SWOT Analysis**
- b) Pareto Analysis
- c) Fishbone Diagram
- d) Brainstorming

Question 5: What method is used to visually display the potential causes of a specific career problem to understand its root causes?

- a) Fishbone Diagram
- b) Pareto Analysis
- c) Mind Mapping
- d) Root Cause Analysis

Part 2: Overcome challenges and obstacles with a solution-oriented mindset

Question 6: You encounter a major setback in your career preparation. What is the most effective mindset to adopt to overcome this challenge?

- a) Dwelling on the problem
- b) Blaming external factors
- c) Seeking innovative solutions
- d) Avoiding the issue

Question 7: You face resistance to your career ideas. What is a solution-oriented attitude in this situation?

- a) Abandoning your ideas
- b) Ignoring the feedback
- c) Finding common ground and adjusting your approach
- d) Reacting defensively

Question 8: Your initial career plan faces unexpected roadblocks. What is a solution-oriented approach in this situation?

- a) Abandoning the plan
- b) Seeking alternative routes and adapting the plan
- c) Blaming external factors
- d) Ignoring the challenges

Question 9: You receive constructive criticism on your job application. What reflects a solution-oriented attitude?

- a) Dismissing the feedback
- b) Learning from the feedback and making improvements
- c) Avoiding further applications
- d) Blaming external factors for the feedback

Question 10: You face a tight deadline for a career-related project. What demonstrates a solution-oriented mindset?

- a) Procrastinating and hoping for the best
- b) Seeking support from others
- c) Complaining about the deadline
- d) **Breaking the project into manageable tasks and prioritising**

Step 3: Self-reflection

- What were your quiz results, and how do you feel about them?
- Take a moment to consider the justification behind the correct answers. Did you understand why certain options were correct?
- Were there any questions or topics that you found particularly challenging or insightful?
- Reflect on the alternative approaches to problem-solving considered during the quiz. Did any of these approaches resonate with you?
- Think about your own problem-solving methods. Are there any alternative strategies you could incorporate based on what you learned from the quiz?
- How might considering different perspectives and approaches enhance your problem-solving skills in future situations?

Q1: correct answer was **brainstorming** – a technique used to generate many ideas in a short amount of time. It involves a group of people coming together to share their ideas and build on each other's suggestions.

Q2: correct answer was **mind mapping** – a visual technique used to organise information and ideas. It involves creating a diagram that connects different ideas and concepts together, allowing you to see the relationships between them.

Q3: correct answer was **root cause analysis** – a technique used to identify the underlying cause of a problem. It involves asking “why” multiple times to get to the root of the problem, rather than just treating the symptoms.

Q4: correct answer was **SWOT analysis** – a technique used to evaluate the strengths, weaknesses, opportunities, and threats of a business or project. It involves identifying internal and external factors that could impact the success of the venture.

Q5: correct answer was **fishbone diagram** – also known as an Ishikawa diagram, it is a visual tool used to identify the possible causes of a problem. It involves creating a diagram that looks like a fish skeleton, with the problem at the head of the fish and the possible causes branching off from the spine.

Q6: correct answer was **seeking innovative solutions** – when facing a major setback, dwelling on the problem, blaming external factors, or avoiding the issue can hinder progress. The most effective mindset is to seek innovative solutions. This involves proactively exploring creative and strategic approaches to overcome challenges, fostering resilience and adaptability in career preparation.

Q7: correct answer was **finding common ground and adjusting your approach** – a solution-oriented attitude in the face of resistance involves finding common ground and adjusting your approach. This approach fosters collaboration and flexibility, allowing individuals to address concerns, incorporate feedback, and work towards a resolution. Abandoning ideas, ignoring feedback, or reacting defensively may hinder progress and collaboration in career development.

Q8: correct answer was **seeking alternative routes and adapting the plan** – a solution-oriented approach in the face of unexpected roadblocks involves seeking alternative routes and adapting the plan. Abandoning the plan entirely may limit potential opportunities, while blaming external factors or ignoring challenges may hinder progress. By seeking alternatives and adapting the plan, individuals can demonstrate resilience, creativity, and a proactive mindset in overcoming obstacles.

Q9: correct answer was **learning from the feedback and making improvements** – a solution-oriented attitude when receiving constructive criticism involves learning from the feedback and making improvements. Dismissing the feedback may hinder personal and professional growth, while blaming external factors or avoiding further applications may limit opportunities. By actively learning from feedback and making improvements, individuals demonstrate a commitment to self-improvement and increased chances of success in their career pursuits.



Q10: correct answer was **breaking the project into manageable tasks and prioritising** – demonstrating a solution-oriented mindset in the face of a tight deadline involves breaking the project into manageable tasks and prioritising. Procrastinating or complaining about the deadline may result in inefficiency and added stress. Seeking support from others is beneficial, but breaking the project into manageable tasks showcases proactive problem-solving, effective time management, and a strategic approach to meeting deadlines in career-related projects.

Reflect on how these techniques and mindsets can be practically applied in real-world career scenarios. Simultaneously, explore alternative approaches by reviewing the incorrect answers.



Lotus

Resilience in VET Education



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