

# WebQuest

Problem Solving

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# Mastering Problem-Solving

## Introduction

We encounter problems every day—whether small challenges or complex decisions that shape our future. Problem-solving is a key skill for navigating life and achieving success, particularly in the workplace. In this WebQuest, you'll explore problem-solving strategies, understand how to break down challenges, and apply practical solutions to real-life situations.

You'll investigate your own problem-solving style, assess its impact on decision-making, and develop a toolkit to enhance your ability to tackle obstacles. By the end of this activity, you'll have gained new insights and strategies for applying problem-solving to achieve personal and career goals.

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## Tasks

Your mission is to:

1. Learn the **steps of effective problem-solving** and explore different approaches.
2. Practice solving real-world scenarios, reflecting on your process.
3. Conduct a **self-assessment** to identify your problem-solving strengths and areas for growth.
4. Compare problem-solving approaches from different perspectives.
5. Create a **Problem-Solving Toolkit** with strategies to improve your skills.

You will present your findings and solutions in the form of a reflective journal, infographic, or short presentation.

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## Process

### *Step 1: Understanding Problem-Solving*

- **Research Activity:**

1. Watch a video or read an article about the **6 Steps of Problem-Solving** (e.g., define the problem, generate solutions, evaluate options, implement solutions, monitor results, and reflect).
2. Explore how problem-solving is essential in personal and professional contexts.

### **Reflection Question:**

- Why is problem-solving considered a critical skill for career success?

### **Resources:**

- [The Problem-Solving Process](#)
  - [Problem Solving at Work](#)
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### *Step 2: Self-Discovery and Problem-Solving Style*

- **Activity:**

1. Complete a problem-solving style quiz (e.g., logical, creative, collaborative).
2. Reflect on your strengths and areas to improve.
  - Example question: "How do I approach challenges—am I methodical or intuitive?"

**Task:**

- Write a brief analysis of your problem-solving style. Include examples of when it worked well and when it could be improved.

**Resources:**

- [Problem-Solving Style Quiz](#)
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### *Step 3: Real-World Problem-Solving Scenarios*

- **Practice Activity:**

Solve career-focused problem-solving scenarios:

- Scenario 1: "You're assigned a group project, but two members are not cooperating. How do you handle it?"
- Scenario 2: "You're offered two job roles—one aligns with your values but pays less, the other offers more money but is less fulfilling. What do you decide?"
- Scenario 3: "Your workload is overwhelming, and deadlines are tight. What steps will you take to prioritize effectively?"

**Task:**

For each scenario:

0. Identify the problem.
  1. Brainstorm potential solutions.
  2. Choose the best solution and explain your decision.
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### *Step 4: Compare Problem-Solving Approaches*

- **Research Activity:**

Investigate problem-solving methods from different disciplines (e.g., business, healthcare, engineering).

- What approaches are common?
- How do these approaches apply to your career or personal life?

**Task:**

Create a chart comparing these methods, including their strengths and weaknesses.

**Resources:**

- [Problem Solving Across Industries](#)

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### *Step 5: Create Your Problem-Solving Toolkit*

- **Final Task:**

Build a personalized toolkit to improve your problem-solving abilities. Include:

1. Your strengths and preferred style.
2. Steps for solving problems effectively.
3. Strategies for improving weak areas.
4. A real-world action plan for applying problem-solving to achieve your goals.

**Deliverable:**

Present your toolkit as a reflective journal, an infographic, or a presentation.

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### Evaluation

You will be evaluated based on:

1. **Understanding:** Depth of research and clarity in identifying problem-solving strategies.
  2. **Application:** Creativity and practicality in solving scenarios.
  3. **Reflection:** Insightful self-assessment and actionable ideas for improvement.
  4. **Toolkit:** Organization, relevance, and practicality of your problem-solving toolkit.
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### Conclusion

Congratulations on completing the Problem-Solving WebQuest! You've practiced essential skills for addressing challenges, made connections to real-world contexts, and created a toolkit to guide future decisions. Remember, every problem is an opportunity to grow and improve.

### Reflection Questions:

- How has this activity changed the way you approach challenges?
- What strategies will you implement in your daily life or career?

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