

# fast▶▶track

Helping Adults Identify and Get on the Right Career Path

PROBLEM SOLVING

# PROBLEM SOLVING

Module about Career management skills #7



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Conclusion what Problem Solving is about



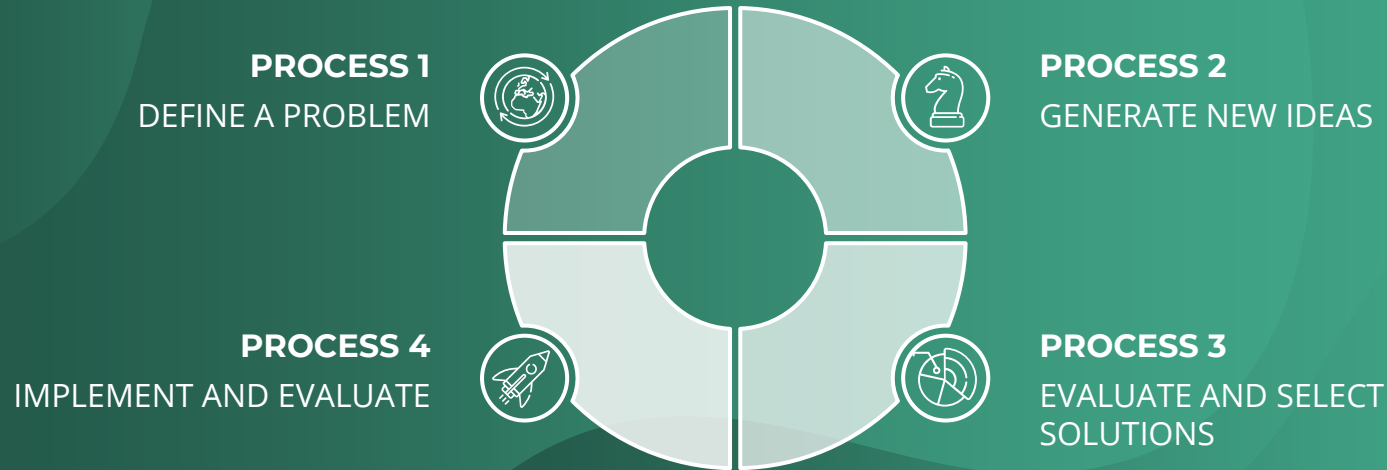
# 1. INTRODUCTION | PROBLEM SOLVING

Problem-solving is the ability to recognize that problems exist and to come up with a plan to solve them. It requires skills such as: identifying, analysing, devising solution strategies, creative thinking, perseverance, collaboration, being proactive, evaluating and reflecting. As students increase their problem-solving skills, they also grow in other 21st-century skills such as entrepreneurship, collaboration and creativity.

By stimulating (adult) students to search for answers and solutions themselves, they are better prepared for the changing labor market. The problem-solving skill ensures that the student can continue to anticipate the changing labor market in the future. Problem-solving is therefore a very important skill, that is needed in everyday life as well as your career. And the good news is, you can work on it to make it better :)



## 2. THEORY about PROBLEM SOLVING INFOGRAPHIC



## The PROBLEM SOLVING process...

In order to effectively manage and run a successful organization, leadership must guide their enterprise and/or their employees and develop problem-solving techniques. Finding a suitable solution for issues can be accomplished by following the basic four-step problem-solving process and methodology outlined in the attachment.

Source: <https://asq.org/quality-resources/problem-solving>



## Problem Solving theoretical resources?

1	2	3
<a href="#">Articles</a>	<a href="#">Case studies</a>	<a href="#">Publications</a>



### 3. PRACTICE | Games about Problem Solving?

#### TRIPLE EDGE WORK IT OUT

This game is all about problem-solving. Not a day goes by without solving a problem or having to tackle an issue. In order to be able to do so, one needs to think analytically and creatively, use some grit to achieve success and of course be effective in finding the right solution!

Can you show your problem-solving skills in this game? Download it now for iOS or Android.

#### SUDOKU Yes, who doesn't know it?

Problem solving games are activities that require players to use critical thinking skills to solve puzzles. Example activities include escape rooms, Sudoku, and murder mysteries. The purpose of these exercises is to sharpen reasoning and decision-making skills in group settings and to do team building with employees.

#### ONLINE ESCAPE ROOMS Try it here!

Escape rooms are timed games that get groups working together to solve puzzles. Traditionally, players enter a locked room and must complete all puzzles in an hour or two to unlock the door. However, groups can also play escape rooms online.





## More inspiration for practical activities needed?

Start :)



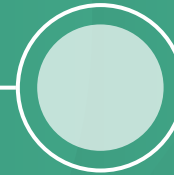
[teambuilding.com](https://teambuilding.com)



[wrike.com](https://wrike.com)



[stenhouse.com](https://stenhouse.com)



[online.maryville.edu](https://online.maryville.edu)

End :)



# 04. Conclusions

Problem solving involves seeking to achieve goals and overcoming barriers. The stages of problem solving include identification of the problem, structuring the problem through the use of some forms of representation, and looking for possible solutions often through techniques of divergent thinking. Once possible solutions have been arrived at, one of them will be chosen through the decision making process.

The final stages of problem solving involve implementing your solution and seeking feedback as to the outcome, feedback can be recorded for help with future problem solving scenarios.



**Just keep in mind...**  
**“Each problem has a  
positive side”**

**By Og Mandino**



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