

Methodological tool: Solve the problem!

Number of methodological Tool	EUPA_LO_149_M_001
Work Area Code and Title	WA 16: Self-Management, Supervision, Management and Leadership
Unit Code and Title	5.2 Exercise management in unpredictable situations and develop evaluation criteria in order to review and develop performance of others
Learning Outcome Number and Title	LO149: Demonstrate the ability to exercise management and supervision in activities where there is unpredictable change.
Objective of the methodological tool	After the completion of this activity, participants will be able to: <ol style="list-style-type: none"> 1. Analyse business problems that arise due to unpredictable changes and propose solutions using a systematic problem solving approach 2. Solve business issues that emerge due to unpredictable change in an effective way 3. Adapt plans according to changes
Approximate Time needed for the completion of this exercise	30 min.
Individual or group exercise	<input type="checkbox"/> Individual <input checked="" type="checkbox"/> Group
Type of methodological tool	<input type="checkbox"/> Written exercise <input checked="" type="checkbox"/> Group exercise <input type="checkbox"/> Video analysis <input type="checkbox"/> Simulation <input type="checkbox"/> Multiple choice <input type="checkbox"/> Group exercise with cards <input type="checkbox"/> Exercise using ICT <input type="checkbox"/> Role play <input checked="" type="checkbox"/> Group discussion <input type="checkbox"/> Case study <input type="checkbox"/> Creative Group Work
Description of the exercise/Procedure	Ask learners to place themselves in the following scenario: They are managing a production line and there has been a problem with some products: In the packaging production line, some boxes of toys were discovered to be empty during a random quality check. They are asked to come up with a solution. Ask learners to brainstorm and propose different solutions to the problem, through using a systematic approach to problem solving as discussed in class.
Exercise is accompanied by	N/A
Exercise solution	There are unlimited possible solutions, a few of them include: <ul style="list-style-type: none"> - More random quality checks

	<ul style="list-style-type: none">- Quality checks on all products (too expensive)- X-ray machine that will notify the shift manager when a box is empty (expensive and time consuming)- Placement of an air fan so that the air will move away the empty boxes (effective and cheap)- Identifying the root causes and fixing the issue (this will stop production for a while, so it is time consuming and may also be expensive)
Other comments to the trainer	In case the learners have difficulties at the beginning, help them by providing one or two solutions

