



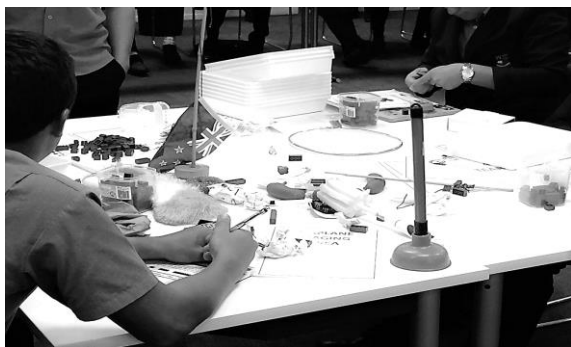
Productivity People

SIMULATION

The Aeroplane Game

Lean principles discussed & demonstrated during the course:

- Teamwork – Code of conduct, what makes a good team, roles & responsibilities.
- 5S – Workplace organisation & the visual workplace
- Process & materials flow
- Theory of Constraints (ToC)
- Set-Up Time Reduction (SUTR)
- The 8 wastes
- Plan-Do-Check-Act (PDCA) Improvement Cycle
- Cost factors



The Aeroplane Game® encourages learning in an enjoyable & interactive environment:

“Excellent course! Fantastic mix of theory and practical.”

Excellent delivery, knowledge, and humour.”

Ben Lewis, GM Business Services
Great South

A Game of Interactive Learning

The Aeroplane Game® is a hands-on experiential course, designed to inspire and engage participants, enabling them to understand, and experience themselves, how they can improve processes, their own workplace and productivity.

The Aeroplane Game® is a business process and manufacturing simulation which focuses on critical factors that make the difference between a successful Lean business and any average operation.

Course Details

½ day workshop simulation for 10-18pp maximum.

The Simulation

The simulation begins with a little bit of chaos, typical of many businesses. As the simulation progresses, the teams face various challenges which improve processes and flow, by using Lean principles and techniques. The facilitator guides teams through the identification of issues and waste, then helps them to develop and implement improvement ideas.

Still not able to meet increasing sales demand, the teams need to rethink their strategy. The focus then falls onto a number of areas and Lean principles:

- The Theory of Constraints is discussed, and principles are applied to eliminate some of the major issues faced by the production teams.
- Process and materials flow also come under the microscope, so teams are encouraged to discuss issues and ideas for eliminating or minimising problems.
- 5S is an important factor affecting the process steps, so the teams are shown the basic 5S principles, which are then implemented.

It soon becomes apparent that teamwork will be essential if the production is to meet demand. Encouraging teamwork and developing a code of conduct is all part of this process.

