

“I learned more in this class (using Last Planner® and Villego® simulation) than in any other class in my whole time in university!” – international graduate student, San Diego State University, 2015

What is [Villego®](#)?

Villego® is a Last Planner® simulation that occurs over a period of about 4 hours using Lego® that illustrates the benefits of using lean thinking and the [lean behaviors promoted by the LPS®](#). It consists of two separate rounds of building structures with Lego®. The first using traditional planning methods and the second using the Last Planner® system. The financial performance of the project is calculated for each round based on schedule performance, safety and quality and used as a learning tool for the participants.



Why use Villego®?

The simulation provides a safe learning environment and a sample project to quickly learn the principles and [benefits of Last Planner®](#) and experience them using a hands on “learning by doing” approach.

“Aha!” moments by participants regularly occur and result in strong learning outcomes.

When to use Villego®?

Villego® is frequently integrated into Lean workshops to introduce Last Planner®. If Last Planner® is going to be used on a project where the team has not been exposed to pull planning and Last Planner®, Villego® is a great way to introduce the concepts in advance to team members including specialty trades prior to actually using Last Planner® on the project.

Who should be involved in the Villego® simulation?

Owners, owner representatives, design professionals, builders, specialty trade contractors, superintendents, foremen, executives, and schedulers can all benefit from the Villego® experience.

Key takeaways and learning outcomes from Villego®

Participants commonly experience **increased collaboration, communication, teamwork, and develop a better understanding of other team member’s needs**. Key lean concepts of **flow, pull production system, Plan-Do-Check-Act, continuous improvement, and detailed short term planning** are learned through doing. View a short video of a [Villego® workshop at San Diego Mesa College](#) from 2013.

For more information:

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