Thinking, Playing and Learning with Lego
Computers in Libraries 2014
Washington, DC

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Outline
Theory
Metaphors
Practice
Stories
Imagination
Theory

Lego Serious Play (LSP)
“...a facilitated thinking, communication and problem solving technique.”

LSP 101
Expertise is in the room
Everyone can contribute
Surface ideas and plan for action
Hand knowledge
LSP 101
Identity reflection
Team development
Service assessment
Strategic planning

Constructionism (Papert)
Learning happens when you are making
Learning is a reconstruction
Thinking with your fingers

Metaphors
Connection
Implied comparison between two things
Lending new insight or meaning

Connection Strategies
Exaggeration
Resemblance
Antithesis
Analogy
Simile

Practice
Four stages
I pose a question
You build a model
You tell your story
We ask questions

Question / Challenge
Clear, open-ended question
Pro tip: Go with your gut

Build a Model
Create a 3D response to the question
Pro tip: Just start building
Tell Your Story
Each participant explains their model
Pro tip: Listen actively

Questions / Reflections
Clarify and crystalize key insights
Pro tip: Focus on the model

Stories
Flow (Csikszentmihalyi)

Fully immersed in an activity
Competence and challenge balance
Enjoyment and engagement

Flow (simplified)

challenge

anxiety

flow zone

boredom

competence

Imagination
Concrete Thinking (Papert)

Make abstract ideas concrete
Model connections with tangible objects

Descriptive Imagination

Identify patterns in the mass of data
Make hidden elements visible
Describe what is happening

Creative Imagination

Identify what is not in the data
Create new possibilities/opportunities
Motivation from dissatisfaction
Challenging Imagination
Starting from scratch without assumptions
Deconstructing and reinventing work
Nothing is sacred

Strategic Imagination
Constructing knowledge and sharing meaning
Transforming identity by assimilating knowledge

Thank You
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