Daily PDCA Coaching

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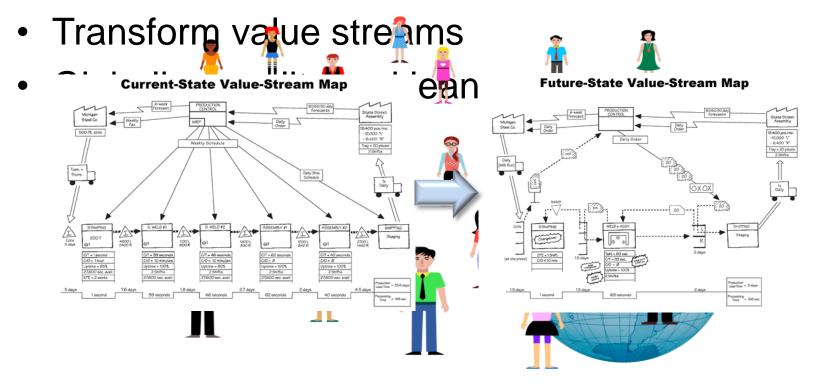


S&C Electric Company



Lean Performance System Strategy

Develop leaders (particularly mid-level managers)



Mid-Level Leaders are the Key



Strengthen the Fulcrum

First, leaders must master PDCA problem solving...

- 8-Step, DMAIC, 4-Step, etc.
- ...then they can learn to coach
 - Building PDCA problem-solving capability in direct reports
 - Achieving results through others

Aside - 4-Step Problem Solving

- 1. Define the problem
- 2. Identify root cause
- 3. Test for cause and effect
- 4. Confirm countermeasures

The Approach

- The ancients invented it
 - Shifu—Xuesheng or Sensei-Deshi
 - Master-Apprentice
- Toyota made it a way to do business
- Spears wrote about it in The High-Velocity Edge
- Rother operationalized it and called it "Toyota Kata"

Show of Hands

- How many of you are functional leaders?
- How many of you are in a full-time Continuous Improvement role?
- How many of you have been using Toyota Kata for more than a year?
- How many of you just started Toyota Kata?

One Leader at a Time

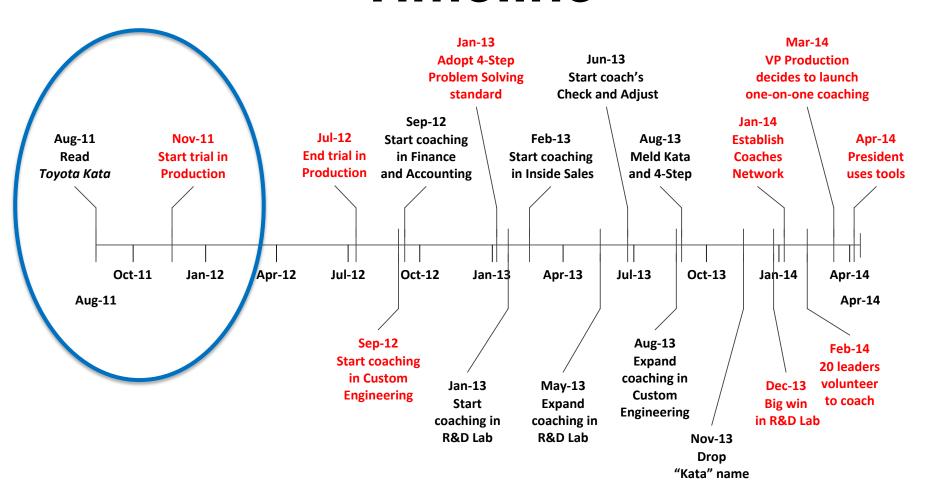


Why try this approach?

- Dissatisfied with pace of improvement activities
- "Everyone in the pool!" approaches to 5S, leader standardized work, etc. had not yielded sustained improvements

Vision

Daily, one-on-one, problem-solving coaching for every S&Cer at the lowest possible cost.

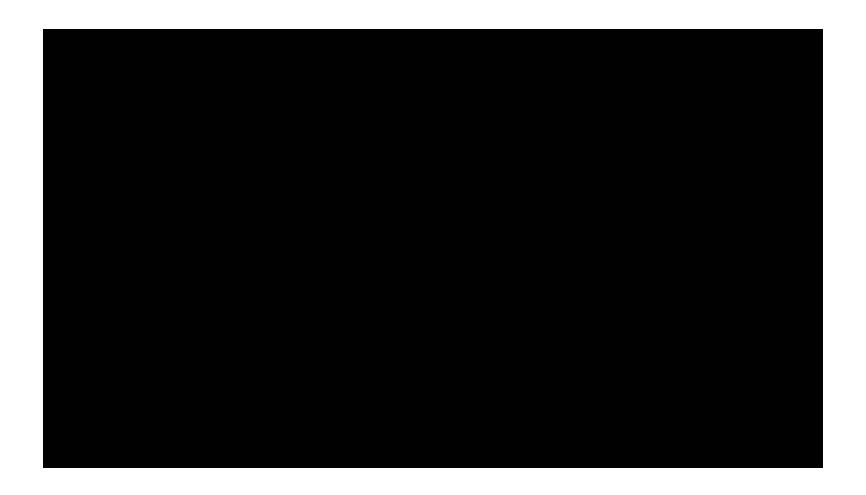


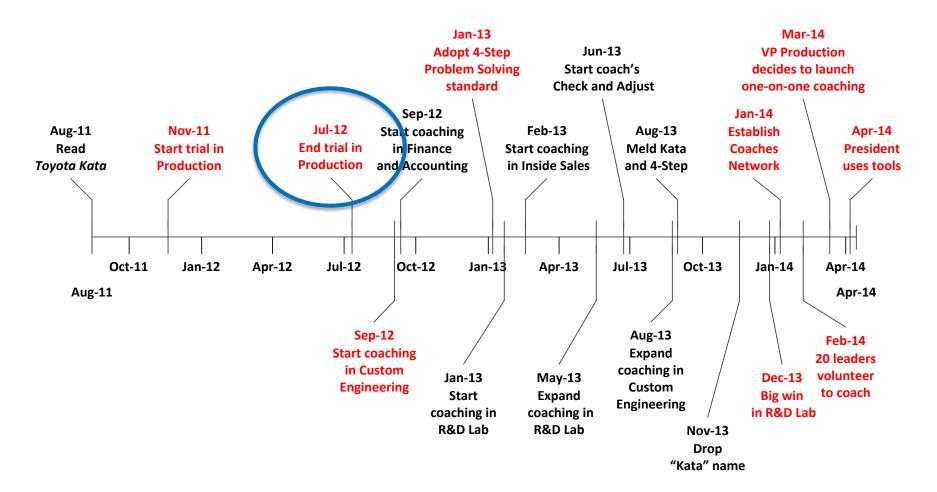
Transmission Fuse Assembly Experiment

- Low volume
- Make-to-order with some make-to-stock subassemblies
- Goal was 10% reduction in labor



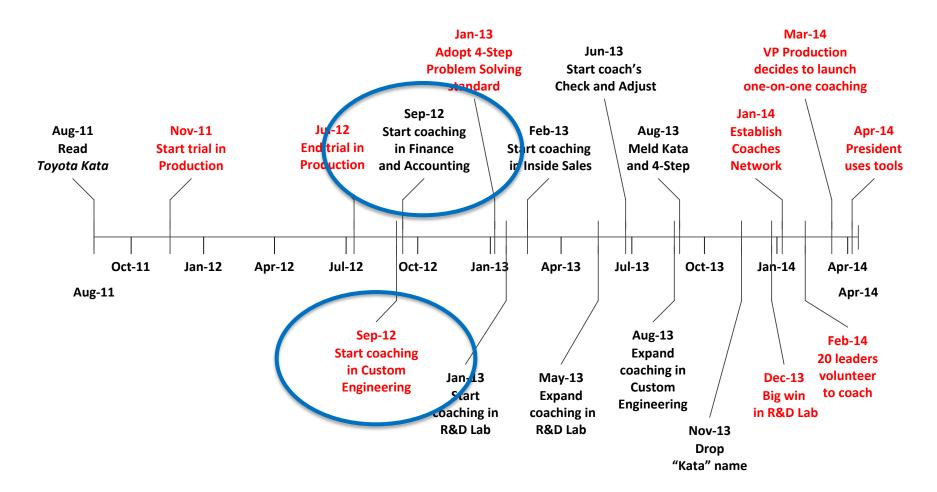
Daily Coaching + Team Meeting





Lessons Learned

- The Kata approach gets business results
- Daily coaching can change leader behavior
- Changes introduced slowly are more likely to stick
- Spillover effect into daily run-the-business activities can be significant
- Guerrilla improvements only get you so far



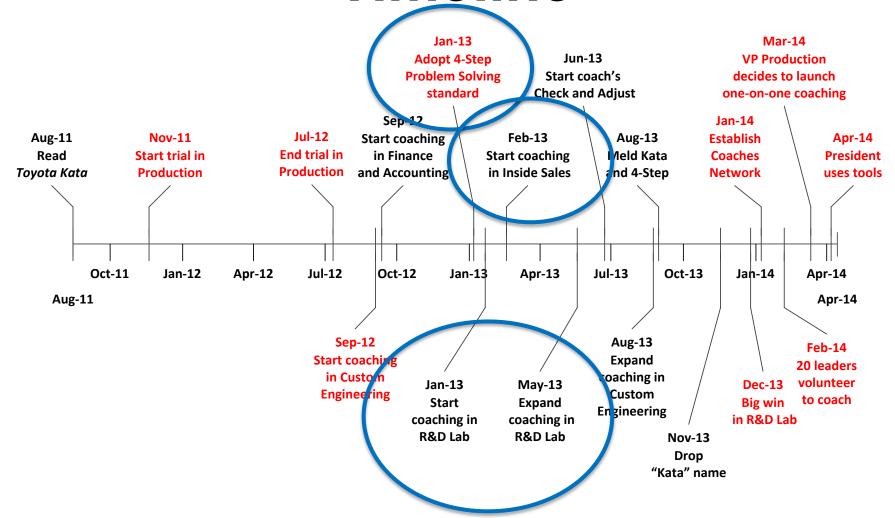
Office Process Pilots

- Custom Engineering (drawing lead time)
- Inside Sales (blanket order renewal schedule attainment)
- Inside Sales (order entry quality)

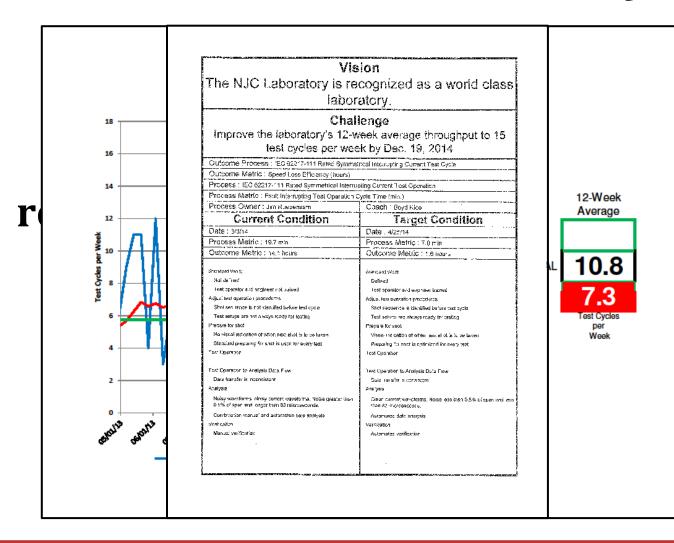


Lessons Learned

- Confirmed results seen in Transmission Fuses
 - Kata approach gets business results
 - Slow changes stick
- Dissatisfaction with status quo necessary ingredient for change
- Formal sponsorship makes a big difference



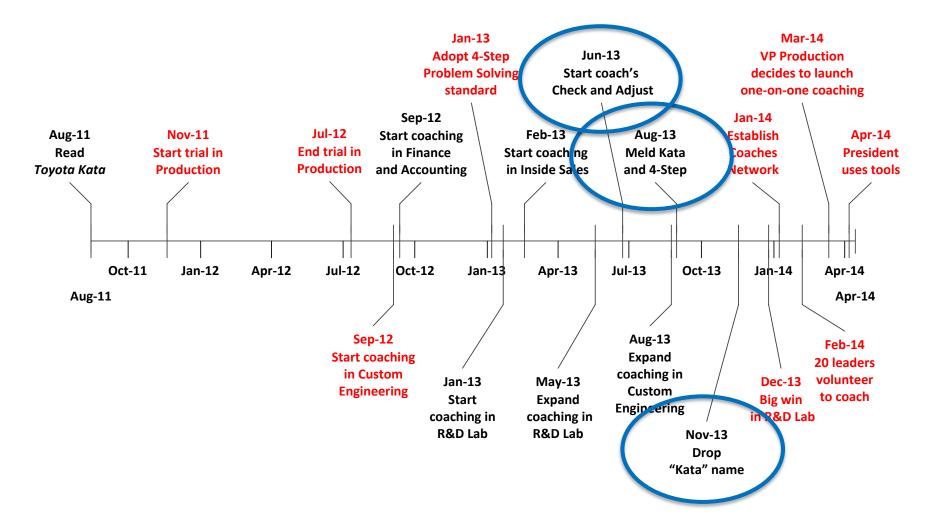
R&D Test Laboratory



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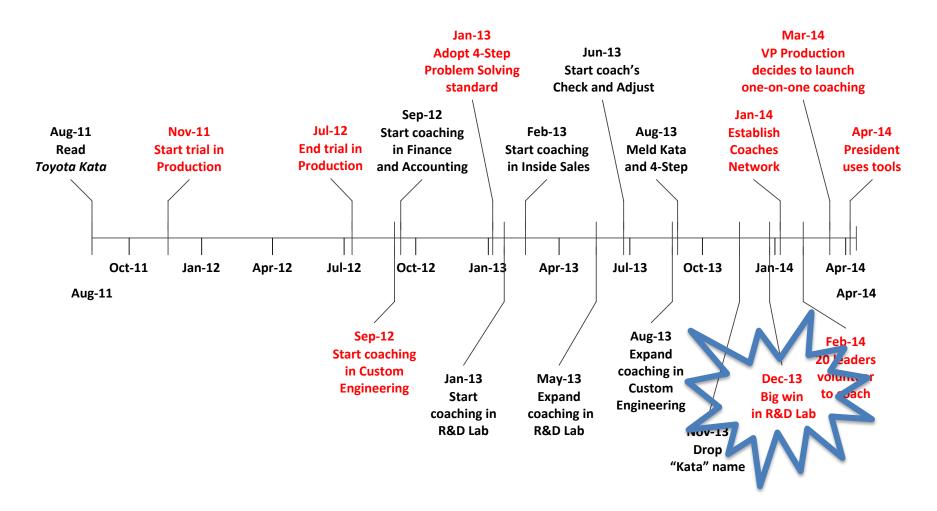
Lessons Learned

- Starting where the shoe pinches is an OK approach
- "Let's try it and see what we learn" is a powerful statement
- Transitioning from project manager behavior to coaching behavior is a difficult challenge



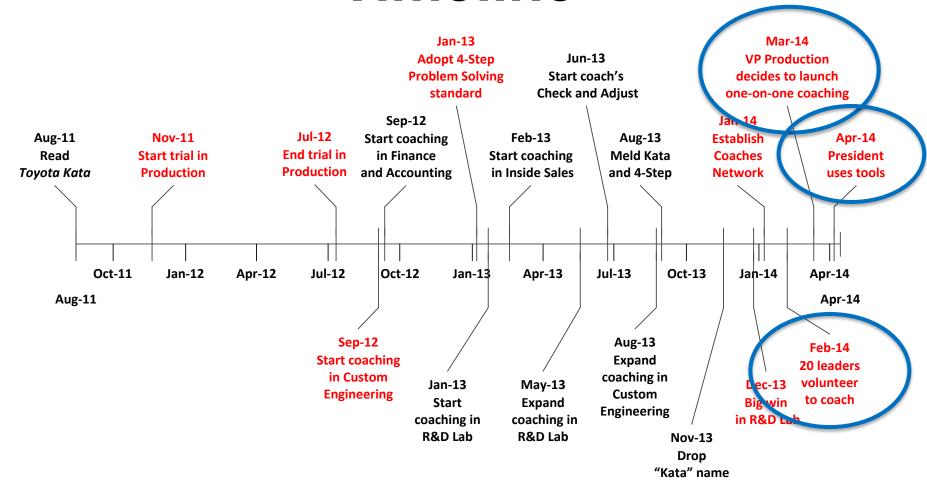
Lessons Learned

- Assimilate Kata into your existing Continuous Improvement efforts
- Build infrastructure as you go
 - Standardized work
 - Metrics
 - Knowledge sharing



Lessons Learned

- Daily coaching can bring big results
- Daily kaizen has a different dynamic than kaizen events because it allows for ongoing reflection



Overall Lessons Learned

- Daily coaching leads to sustainable improvement
- To be successful:
 - Find a dissatisfied leader with a willing-to-try direct report
 - Practice daily PDCA coaching yourself
 - Connect existing PDCA practice with daily coaching
 - Develop supporting infrastructure as you go along
- Don't expect instant pudding

Thank You!

Please complete the session survey at: **AMESurvey.org**

Session Code: (To be advised)

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