

LeanOhio

Lean Six Sigma Methods



Difficulty

(Skill level required)

Kaizens	Strategic Planning	Diagnostic Consultation
<ul style="list-style-type: none"> • Event-driven] rocess improvement • 1 week with lots of prep • Transformational – at least 50% improvement • Used for complex and strategic problems/processes • Needs a team of trained facilitators 	<ul style="list-style-type: none"> • Disciplined effort to guide organization priorities • Future focused • Usually conducted with senior leadership • Best done in a series of sessions • Needs prep work/data collection • Needs skilled facilitator 	<ul style="list-style-type: none"> • Meet customer where they are to determine needs and best approach/method • Interview process • Ask the right questions • Examine the VOC, VOB, VOP, VOE • Needs skilled facilitator
DMAIC	3P Product Preparation Process	Value Stream Mapping
<ul style="list-style-type: none"> • Data-driven, structured improvement strategy • Define, Measure, Analyze, Improve, Control • Need skilled facilitator trained in problem-solving and statistical analysis (Green Belt/Black Belt) 	<ul style="list-style-type: none"> • Used to develop a new process or service • Can be used to respond to a large change in demand or capacity • 3 days + 2 days • Needs trained facilitator 	<ul style="list-style-type: none"> • High-level view of a family of processes • Looks at big picture • Identifies core processes and improvement opportunities, including Kaizen events • Needs skilled facilitator
5S	Lean Daily	Lean Routine
<ul style="list-style-type: none"> • Cluttered workspaces • Very basic; can be done anywhere - work or home • Can be done by an individual in their work area • Can be done by a team or an entire organization 	<ul style="list-style-type: none"> • Individual or work group • Don't need a facilitator • Don't need statistical analysis but do need basic data • Making Lean part of daily work • PDCA - Plan, Do, Check, Act • Quick hit - is reversible 	<ul style="list-style-type: none"> • Simple process: 8-20 steps • No more than 3 swim lanes • Under your control • Uses a team – can be cross functional • Usually 5 separate meetings • Trained facilitator is helpful



Complexity

(Number of people, work units, or processes involved)