Chapter 6

The Improvement Kata - Planning Phase

Step 3: ESTABLISH THE NEXT TARGET CONDITION

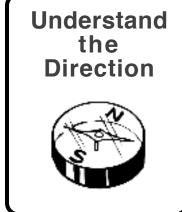
Practice this Routine

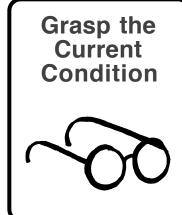


ORIENTATION



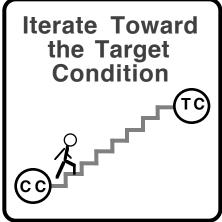
















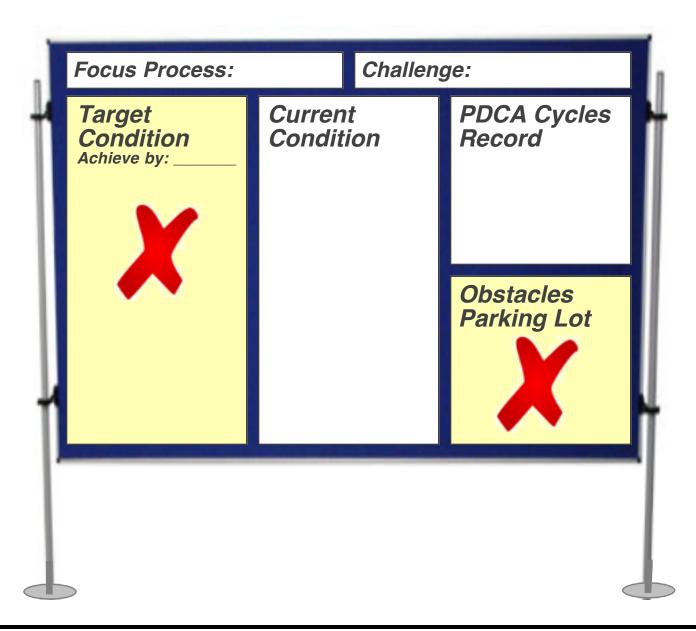
'Planning' Coaching Cycles



LEARNER'S STORYBOARD

Learner and Coach are now concentrating on these two fields X



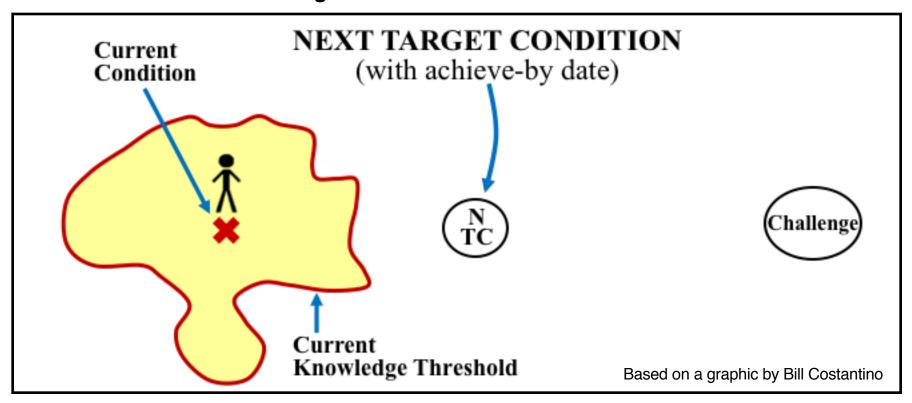




WHAT IS A TARGET CONDITION?

A Target Condition is a common picture of success

- A Target Condition is an interim goal on the way to the Challenge, described in greater detail than the Challenge. It usually takes several successive target conditions to reach a Challenge, so it is sometimes called the "Next Target Condition."
- A Target Condition only describes where you want to be next, not how to get there. That will be figured out through experimenting in the next step of the IK pattern.
- A Target Condition describes a desired future set of circumstances that lie beyond our current knowledge threshold. We don't yet know how we will get there.
- A Target Condition has a specified achieve-by date, which is often between 1 week and 3 months out. Longer than that is often ineffective and should generally be broken down to smaller Target-Condition increments.



A TARGET CONDITION IS AN ESSENTIAL ELEMENT FOR ACTIVATING & MOBILIZING HUMAN INGENUITY



A Target Condition is a key element in the creative process.

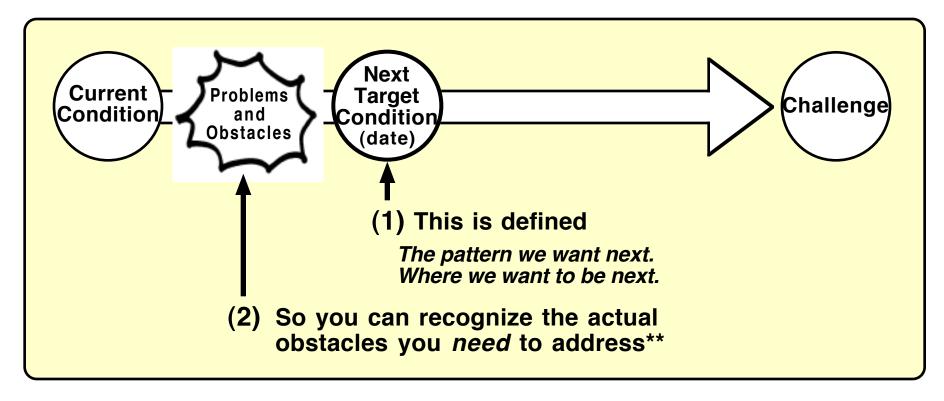
A Target Condition is a forward-looking new goal (a positive future projection) rather than a backward reflection of problems. It's about moving toward something as a path to achievement.

A Target Condition prompts us to consider a different set of circumstances from those that currently exist.

A TARGET CONDITION IS A SET OF CONSTRAINTS THAT HELP YOU WORK SCIENTIFICALLY

It's like a "Research Topic" in traditional science

By defining a Target Condition and striving to achieve it, you learn what is preventing you. That shows you specific things to focus on.



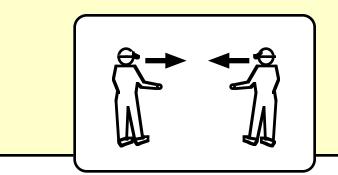
^{**} The Improvement Kata involves going after only the *right* issues one at a time, i.e., those obstacles you actually find are preventing you from getting to the specific Target Condition you're striving to reach. There will be many things you *don't* work on.

A TARGET CONDITION ENABLES TEAMWORK

Mutual effort toward a mutual end

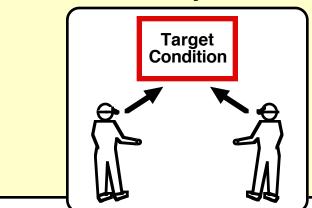
WITHOUT A TARGET CONDITION

- Disorganized discussion about solutions.
- Exchange of opinions.
 Debate about my idea versus your idea.
 "Who's right?"
- Prioritization by dominant individuals.
- · No experimentation.



WITH A TARGET CONDITION

- Structured discussion about next experiment toward a common picture of success.
- "What do we need to work on next to reach our objective?"
- Moving forward scientifically.



Once you've experienced the role of a Target Condition you'll find it difficult to work without one!

A TARGET CONDITION HELPS YOU BEAT ENTROPY

Without something to strive for, any process will naturally tend to degrade



It's estimated that 80-95% of the variation in a work process is random, or *common cause* variation. These are systemic problems. Although problems are occurring, the process is actually statistically stable. These problems are normal in the current system.

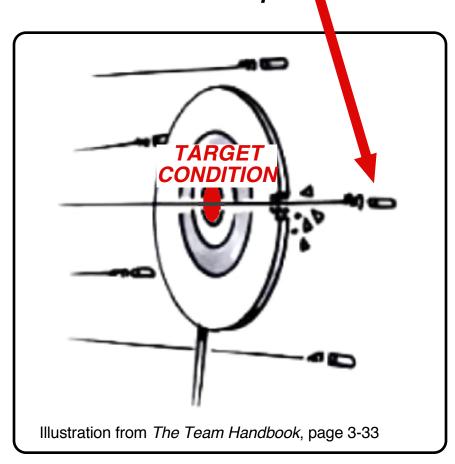
In the case of systemic problems, examining each failure and searching for the root cause in order to solve that problem ("troubleshooting") is not a good approach for improving.

In order to take action against the results of common cause variation, the system itself must be changed. A systemic improvement is needed.

That's what a Target Condition represents.

THINK OF A TARGET CONDITION AS SOMETHING NEW YOU ARE AIMING FOR... SCIENTIFICALLY

- What was our last step toward the Target Condition?
- What did we expect to happen?
- · What actually happened & what did we learn?
- What is our next step?



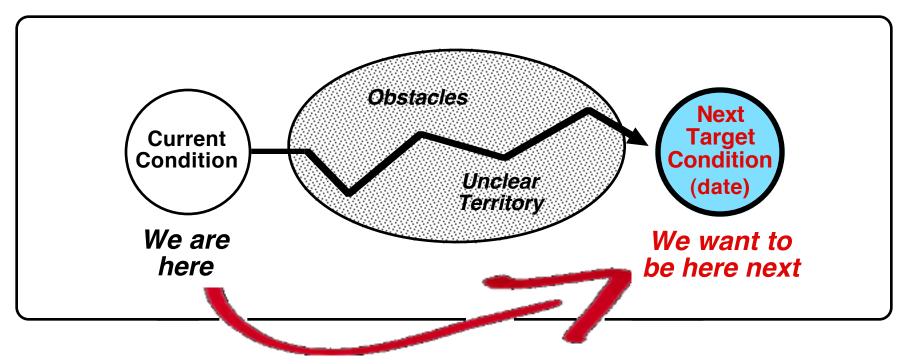
Operating without a Target Condition leads to acting based on opinions





EXPRESS A TARGET CONDITION AS IF YOU WERE ALREADY THERE

Establishing a Target Condition is like time travel. Pretend you have fast-forwarded to the achieve-by date and are looking at the focus process. The Target Condition is a description of what you see.



A Target Condition answers questions like:

- How do we want this process to be operating / functioning on (date)?
- What functionality do we want to have by (date)?
- What is the target pattern we envision existing on the achieve-by date?

A Target Condition describes both a desired outcome and desired operating attributes that generate that outcome

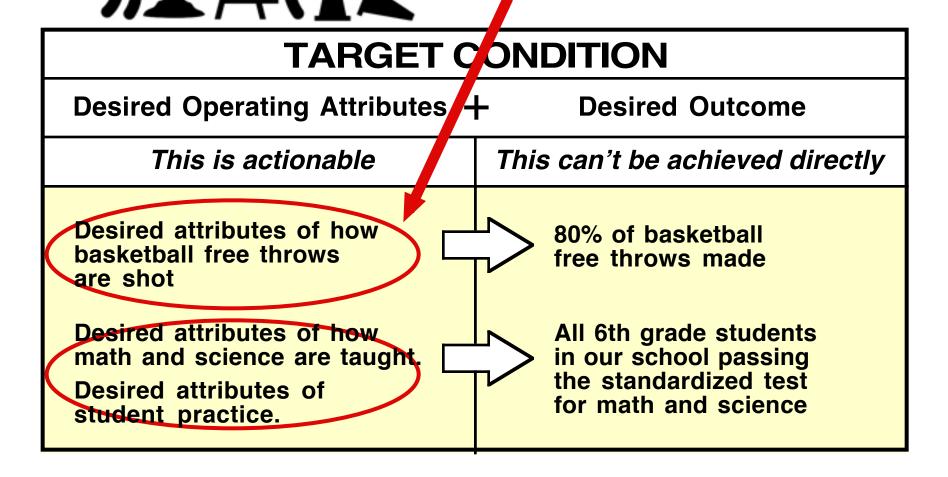
A Target Condition includes both of these elements and is therefore more than just an outcome goal

TARGET CONDITION		
Desired Operating Attributes "How the game is played"	Desired Outcome "The score"	
Desired attributes of how basketball free throws are shot	80% of basketball free throws made	
Desired attributes of how math and science are taught. Desired attributes of student practice.	All 6th grade students in our school passing the standardized test for math and science	

YOUR EXPERIMENTING WILL TAKE PLACE ON THE OPERATING ATTRIBUTES

The "construction site" will be here

Focus your experimenting here, to achieve the desired outcome

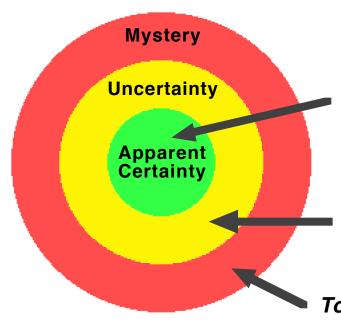


A TARGET CONDITION SHOULD BE CHALLENGING

A Target Condition lies outside what you currently know

Don't limit a Target Condition to what you already know. As you define a Target Condition, you should not yet know exactly how you will achieve it. This is normal. Otherwise you'll just be in an *implementation* mode rather than in a creative *improving* and innovating mode.

A Target Condition that you can already or quickly see how to reach - one that involves little trial and error - is not a good target condition. A good Target Condition requires experimentation and learning.



In this zone you're only reshuffling things you already know. You can already see how to reach the goal.

True improvement is in this zone, because you have to develop new ways by thinking creatively and experimenting.

Too difficult for today

"The greater danger for most of us lies not in setting our aim too high and falling short; but in setting our aim too low, and achieving our mark."

~ Michelangelo



A Target Condition is <u>not</u> about the highest payoff or lowest-risk option. It's something you <u>need</u> to strive for next in order to get closer to meeting your overarching challenge.

Don't utilize cost/benefit analysis (ROI) to determine what a Target Condition should be. Using cost/benefit analysis in this way means you're only operating within the scope of what you already think you know; within your current knowledge threshold. You can't really assign a cost to what you don't yet know.

In other words, don't use cost-benefit analysis to determine where to go. First determine where you want or need to be next—the Target Condition—and then you can utilize cost/benefit analysis along the way to help you determine how to get there.

What you are doing is defining the next Target Condition you need to achieve in order to move toward the challenge, and then working iteratively to achieve it within budget and other constraints. A Target Condition should be achieved within target cost and time, of course, but it usually takes ingenuity & resourcefulness along the way to achieve the goal within those constraints.

In this managerial system, cost/benefit analysis is used less for determining direction and more for helping to definine where we need to get creative in order to achieve a desired condition.

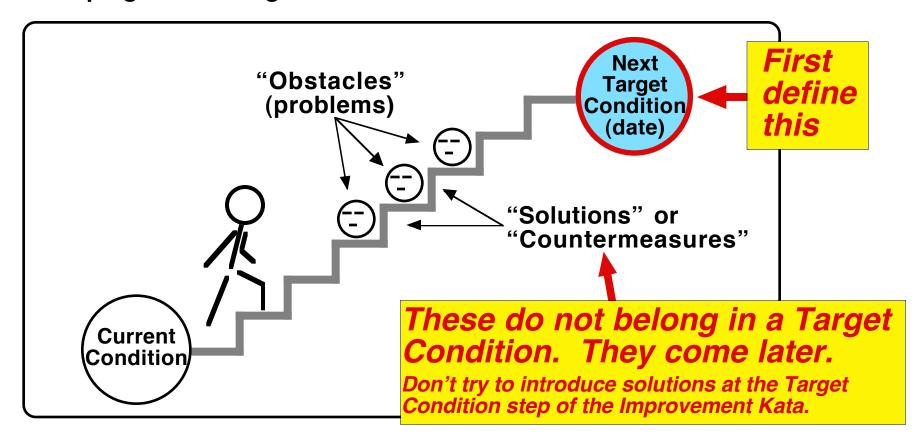
A TARGET CONDITION IS NOT	WHY
A Target Condition is not about avoiding negative outcomes.	A Target Condition is about achieving new outcomes.
A Target Condition is not an either/or choice between existing options.	A Target Condition represents a new situation that did not exist previously. You are aiming for all the attributes of the Target Condition to exist simultaneously. It's "and" not "or."
A Target Condition does not mean setting a stretch goal and then just letting people struggle with it.	The Improvement Kata is about giving people challenges and teaching them (through practice) an effective way of meeting them.

DO NOT PUT SOLUTIONS IN A TARGET CONDITION

This is a common error in defining a Target Condition

A *Target Condition* does not contain *solutions*. It is only a description of set of performance attributes you want to reach by a specified date. Slow down and just describe that... it's too early to talk about solutions.

You don't yet know how you will get there, and that's normal. Later, in the 'Executing' phase of the Improvement Kata, you'll work iteratively to overcome *obstacles* that lie between you and the Target Condition, by developing and testing *solutions* or "countermeasures".



EXAMPLE

Don't put solutions in a Target Condition

VISION: No harm to patients. CHALLENGE (1 year): A specific rate of medical errors lower than today's		
NOT a Target Condition USEFUL Target Condition		
Visual boards in every patient's room.	The visual boards in every patient's room are complete and accurate.	
In this case the team already knows the answer, so there is no process of experimentation, discovery and learning. The stated goal is within the team's threshold of knowledge and thus is not a Target Condition.	The team does not yet know how it will reach this Target Condition. To get the boards to be "complete and accurate" will require a process of discovery and change. Now the team can conduct experiments against the obstacles they find are preventing the boards from	

Many problem solvers mistakenly think of the solutions they already have in mind as a Target Condition. The "lack of a proposed Lean tool" isn't a Target Condition, but on the other hand, to make a Lean tool actually work will surface a lot of underlying issues.

being complete and accurate.

Here's a tip. When a team is prematurely focusing on solutions, ask what effect they envision those solutions having. What they say then will be closer to a real Target Condition.

Example by Michael Lombard, Drew Locher and Mark Rosenthal

THE DIFFERENCE BETWEEN "TARGET CONDITION" AND "SOLUTIONS"

TARGET CONDITION

A description and specification of a desired new operating pattern, performance attributes, characteristics or functionality you want a process or system to have on a future date.



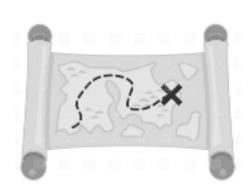
A prediction of the steps that will be required to achieve the Target Condition.

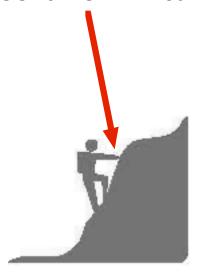
(Every plan is only a theory)

These are the actual steps, techniques and countermeasures that you learn are necessary for achieving the Target Condition in reality.

SOLUTIONS







The exact path that gets you to the Target Condition will only be known in hindsight.

WHEN YOU FINISH THE 'TARGET CONDITION' STEP OF THE IK THERE WILL BE UNCERTAINTY

The path to your Target Condition should be non-obvious.

That's normal and correct!

We have a natural tendency to state solutions we already have in mind as goals, which is unscientific. As you establish a Target Condition, people on the team will often already have ideas about how it can be reached. It's important to recognize that these are only theories about the potential path, and that while you can acknowledge them (and they may be right), they should not be included in your Target Condition.

You are heading into the grey zone of uncertainty, so formulate your Target Condition in a way that remains open to solutions other than those you might currently think will get you there.



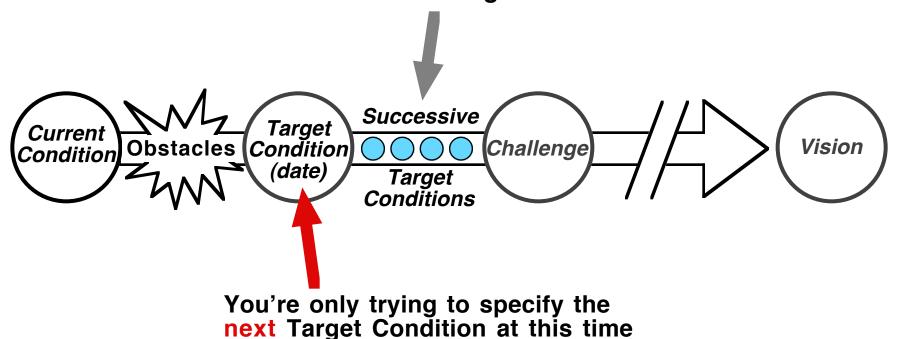
You'll be making lots of course corrections as you strive to achieve your Target Condition and learn through experimenting



KEEP IN MIND THAT YOU DON'T NEED TO REACH THE CHALLENGE IN ONE LEAP

There will be several target conditions on the way to the challenge

The exact series of target conditions required to meet the overarching challenge can't be defined in advance. When you reach one Target Condition you'll know a lot more about what the next Target Condition should be.



ELEMENTS OF A GOOD TARGET CONDITION

Note that a Target Condition is not just an outcome metric

Name of the focus process and the achieve-by date

An outcome metric (measured periodically)

Desired outcome performance of the process

The desired score

The Task Unit and the time to complete it. This is the main process metric (gets measured in real time)

Desired pattern of operating Future process characteristics such as steps, sequence, times and so on

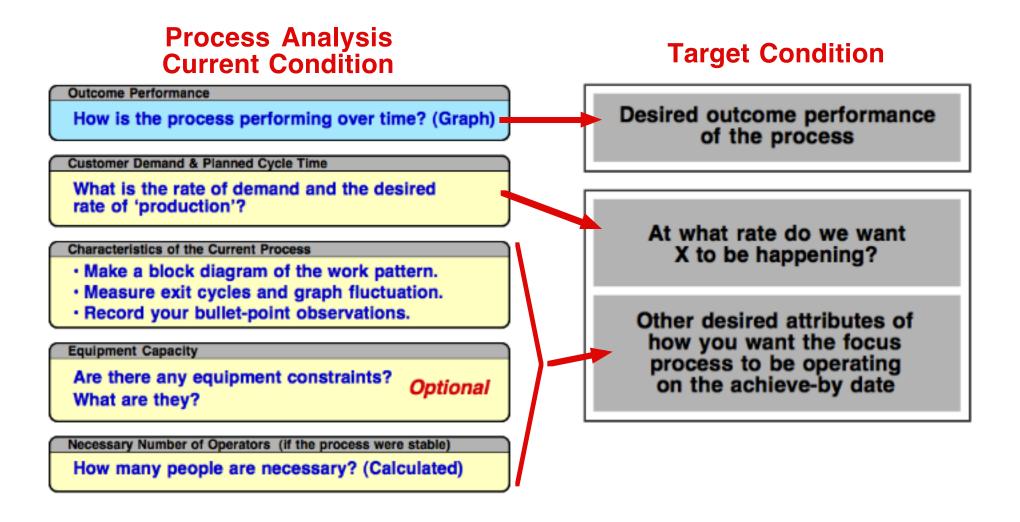
At what rate do we want X to be happening?

Other desired attributes of how you want the focus process to be operating on the achieve-by date

How the game is played

REFER TO YOUR PROCESS ANALYSIS

Describe the next Target Condition for the focus process based on your observations and analysis of its Current Condition



EXAMPLE TARGET CONDITION CONTENTS

The elements in a Target Condition reflect the level you are at in the organization (process / loop / value stream).

The following are some process-level examples.

Name of the focus process and the achieve-by date

1 week - 3 months in the future

Desired outcome performance of the process

A measure of process performance over time

Examples: • Number of items per hour, shift, day or week

Overtime

Productivity

Target Cost

Quality

At what rate do we want X to be happening?

'Takt Time' or the target rate for a process characteristic

Other desired attributes of how you want the focus process to be operating on the achieve-by date

Process characteristics such as:

- Number of shifts
- Amount of downtime
- Number of people
- Number of shifts
- Where 1x1 flow is desired
- Amount of cycle fluctuation
- Inventory amounts
- Production sequence & lot sizes
- Changeover time

Do <u>not</u> put these in a Target Condition	WHY
Do not use words like these in a Target Condition: "Minimize" "Reduce" "Improve" "Increase"	No verbs in a Target Condition! This forces you to actually describe the conditions you want to have in place when you get there. A Target Condition describes a desired pattern at a future point in time, not actions. Transport yourself to the future and state the Target Condition as if you are already there.
These are not a Target Condition: > Have visual boards in every patient room > Apply 5S (workplace organization & visual systems) > Install a barcode system	These are countermeasures, which should not be confused with a Target Condition. They are more suitable as experiments on the way to the Target Condition. First describe attributes of how you want the focus process to be operating on the achieve-by date. Countermeasures are then developed as needed through experiments as you strive to reach that Target Condition.
These kinds of statements alone ≠ a Target Condition: "A pull system" (kanban) "Milk-run material delivery"	Not enough descriptive detail. A kanban or material-delivery system can be a Target Condition, but you need to describe the attributes or pattern of how you want it to operate.

Steps to Establishing a Target Condition

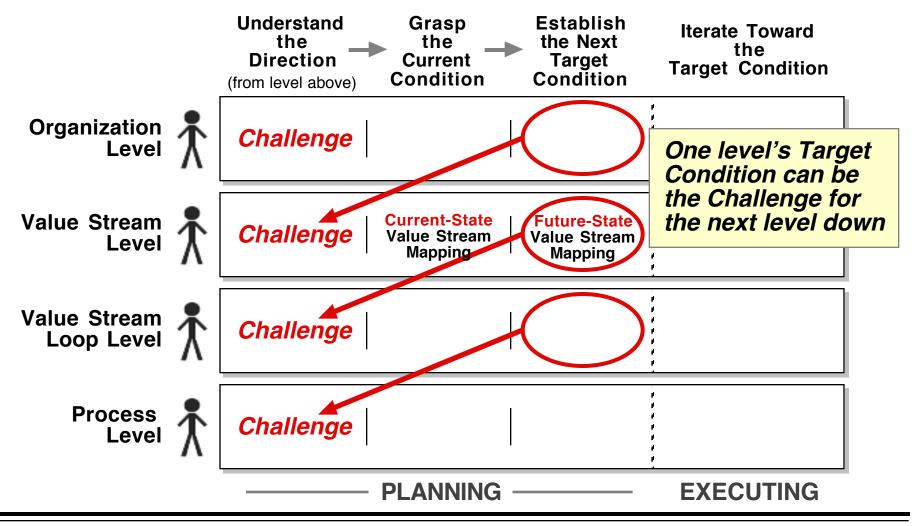


- 1. Review your Challenge
- 2. Set the TC achieve-by date
- 3. Define the desired outcome performance
- 4. Define the desired attributes
- 5. Start the 'Obstacles Parking Lot'

TC STEP 1: REVIEW YOUR CHALLENGE

You should not establish a Target Condition without first understanding the Challenge from the first step of the Improvement Kata pattern. That Challenge is the frame within which Target Conditions should be defined.

What is the future-state design for your value stream, and what does your process need to do to make that design possible? Note that oftentimes the Target Condition at the level above you will be the Challenge for your level.



TC STEP 2: AGREE ON THE TC ACHIEVE-BY DATE

The <u>Coach</u> proposes an achieve-by date (level of difficulty) for the Learner's next Target Condition based on the Learner's Improvement Kata skill level. This table is a general guideline.

In the begining shorter is better for learning because then there will be more repetitions of the Improvement Kata pattern.

Target Condition Degree-of-Difficulty Guideline				
Learner's Skill Level	Characteristics of the Skill Level	Maximum TC Achieve-By Date		
Expert	No longer relies on rules / guidelines / maxims Grasp of situations & decision making intuitive Vision of what is possible	??		
Proficient	Sees what is most important in a situation Perceives deviations from the normal pattern Maxims vary according to situation	Target condition ≤ 3 months out		
Competent	Copes with crowdedness Sees actions partially in terms of LT goals Has standardized and routinized procedures	Target condition ≤ 1 month out		
Advanced Beginner	Action based on attributes or aspects Situational perception still limited All aspects are given equal importance	Target condition ≤ 2 weeks out		
Novice	Adherence to rules or plans Little situational perception No discretionary judgement	Target condition ≤ 2 weeks out		

TC STEP 3: STATE THE NECESSARY OUTCOME PERFORMANCE

An outcome metric (measured periodically)

Desired outcome performance of the process

The desired score

Based on the Challenge, there is usually an outcome performance level that the focus process will need to achieve, in order for the Challenge to be met. However, that outcome performance level may be too far away to use in the first few target conditions.

Based on the Challenge + the analysis of the current state + the achieve-by-date either the Learner or the Coach proposes the desired outcome performance to be reached by the achieve-by date.



This outcome-performance element of the Target Condition should be <u>mathematically consistent</u>. That is, the Learner and Coach should derive and be able to show the rationale for the outcome target mathematically.

For instance, if a process's outcome goal is a specific Lead Time number, then this number should come from a calculation that determines what process Lead Time is necessary for achieving the future-state value stream design. Just shooting for a "50% reduction" or any other ad-hoc number is not acceptable, and suggests that the Learner is not sufficiently informed about the overarching Challenge.

THE REMAINING STEPS ARE DONE BY THE LEARNER, IN AN ITERATIVE DIALOG WITH THE COACH



You may think a Target Condition is a goal given to the Learner by the Coach, but that is incorrect. Developing the Target Condition is a back-and-forth process between the Learner and the Coach.

The Learner defines the Target Condition and proposes it to the Coach. The Learner receives feedback from the Coach and fine-tunes the Target Condition accordingly. This process repeats until Coach and Learner come to consensus on the Target Condition. The Learner may have to rethink and adjust the Target Condition several times.

The Coach asks the Learner to use the right side of the Current Condition / Target Condition form that was used in the process analysis, to describe how the Learner would like the focus process to be operating on the achieve-by date.

TC STEP 4: DEFINE DESIRED ATTRIBUTES

The Learner should now develop the target process characteristics and operating pattern, as much as s/he can at this point

The Task Unit and the time to complete it. This is the primary process metric (measured in real time)

At what rate do we want X to be happening?

Desired pattern of operating Future process characteristics such as steps, sequence, times and so on Other desired attributes of how you want the focus process to be operating on the achieve-by date

How the game is played

The target process characteristics and operating pattern are a kind of hypothesis that says, "If I create a process that follows this pattern, then we will get the desired process outcome performance." The process characteristics and operating pattern are what the Learner will actually be able to influence and work on in order to change the focus process's outcome performance.

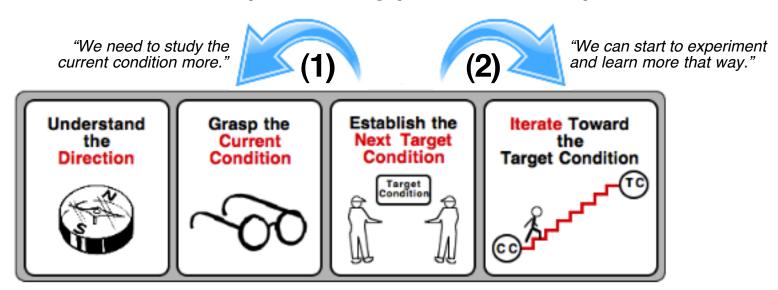
Remember... the Learner should avoid thinking of specific solutions at this step of the Improvement Kata. You are describing how you want the focus process to operate

Caution in Steps 3 & 4 DON'T CROSS OVER THE THRESHOLD OF KNOWLEDGE!

The 'Threshold of Knowledge' (TOK) is the point at which we have no facts & data and start guessing. Don't add items to the Target Condition based on conjecture. When the Learner hits a TOK --> <u>STOP</u>! It's better to say "I don't know" or "not sure."

You then have two options:

- (1) Get more information, for example by additional analysis of the current condition of the focus process.
- (2) Leave these parts of the Target Condition blank and flesh them out as you learn more in the experimenting phase of the Improvement Kata.



YOU CAN'T CHANGE A TARGET CONDITION BUT YOU CAN ADD TO IT

Once a Target Condition is established, its content and achieveby date should not be changed. This is done so we take time to analyze the current condition, think carefully about the Target Condition and, when the going gets tough, work hard to understand and with creativity get through the obstacles that arise step by step. This way you achieve a new level of system performance, rather than simply altering the Target Condition.

Do or do not. There is no try. ~ Yoda

But it is OK to leave details out of a Target Condition and add them as you work toward the TC and learn more. The Target Condition can be fleshed out with additional detail as you experiment and your knowledge of reality increases.

And remember... at any point in the Improvement Kata pattern you can conduct quick side experiments to test ideas and see further. Incorporate what you learn into the Target Condition.

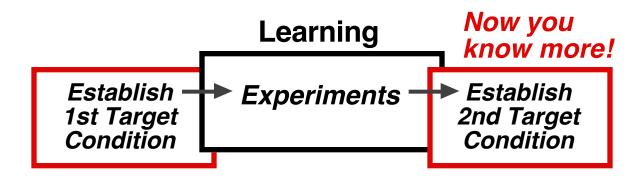
YOUR FIRST TARGET CONDITION WON'T BE PERFECT

Don't worry about getting everything right

Developing a good Target Condition is a skill that comes with experience, and your first Target Condition probably won't be the best.

Since the achieve-by date for a beginner's first few target conditions is short (1-2 weeks) it's OK if you make mistakes in establishing the first Target Condition. This will quickly become apparent and get corrected when you establish the next Target Condition for the focus process. (There's always a next Target Condition.)

It's a good learning experience. Many details come from the experiments in Step 4 of the Improvement Kata pattern. Your knowledge increases on the way to the Target Condition.

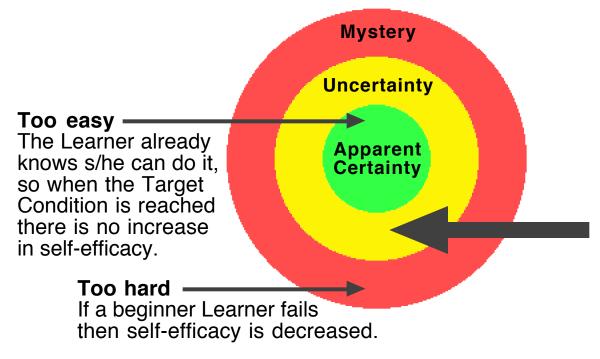


THE TARGET CONDITION SHOULD NOT BE EASY

The Coach should consider the Learner's current Improvement Kata skill level, and go just beyond it

A good Target Condition takes the Learner beyond their current Improvement Kata skill level and compels them to learn, grow and adapt. The Coach decides how much of a stretch the next Target Condition should be, trying to have the Learner practice just over the edge of their capability.

Learning a new skill requires stretching and experiencing small failures along the way. That's normal.





It's important that the Learner is challenged, so s/he experiences a sense of accomplishment and an increase in self-efficacy.

TARGET CONDITION PLANNING FORM

Three versions of the Current Condition / Target Condition form are on the next pages

Refer to the Current Condition summary on the left side of the form and answer the following questions as you fill out the right side:

- --> What you will keep the same?
- --> What do you want to change?



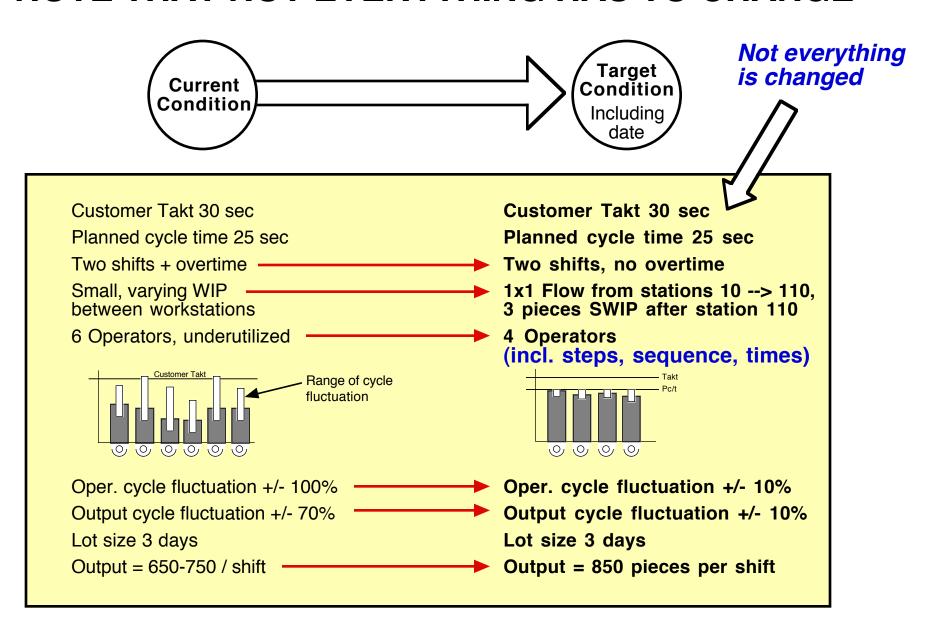
Upon completion, you can cut the form where indicated and post the right side of the form in the "Target Condition" field of your storyboard.

CURRENT CONDITION / Challenge:			
Learner: Coach:	Process:	Outcome Metric Process Metric	
Categories	Current Condition Date	Target Condition Achieve-By Date	
Outcome Performance (Results)	show run chart		
Process Characteristics and Operating Pattern (Pattern of Working)	show block diagram or swim-lane diagram		

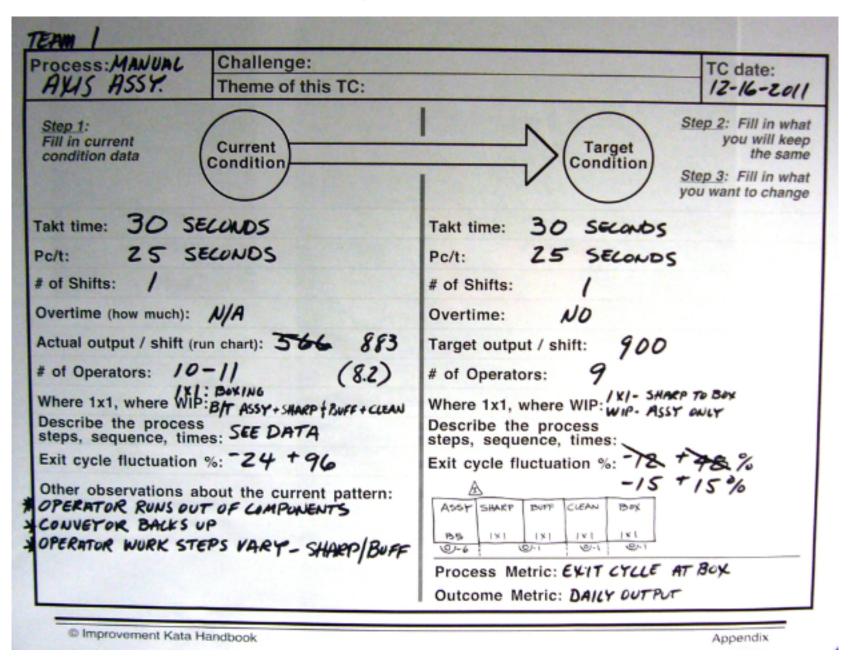
C	CURRENT CONDITION / TARGET CONDITION Challenge:				
L	earner: Coach:	Process:	Outcome Metric Process Metric		
	Categories	Current Condition Date	Target Condition Achieve-By Date		
1	Outcome Performance (Results)	show run chart			
2	Rate of Demand Rate of Production				
3	Operating Pattern	show block diagram show all run charts	show block diagram		
4	Capacity	show chart	show chart		
5	Number of People Required				

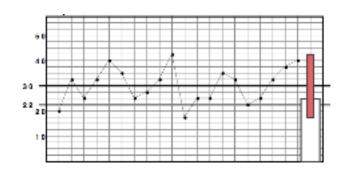
CURRE	NT CONDITION	/ TARGET CONE	DITION	Challenge:		
Learner:		Process:		Outcome Metric	Process Metric	
(Categories	Current Condition	Date	Target Conditio	n Achieve-By Date	
1	Actual output / shift	show run ch	nart			
Outcome Performance	Overtime?					
2	Takt time					
Rate of Demand &	Pc/t					
Rate of Production	# of Shifts					
3	Process steps and sequence	show block diagram		show block diagram		
Operating Pattern	Batch size					
	Where WIP Accumulates					
	Number of operators					
	% exit cycle (at end fluctuation of line)	+ show all run	charts			
	Other attributes of the process					
	or the process					
4.0		ob our ob o		- h	ch cut	
4Capacity	Capacity chart	show cha	ΓŢ	show	CNAFT	
5 People Required	Calculated number of operators					

NOTE THAT NOT EVERYTHING HAS TO CHANGE



A MANUFACTURING EXAMPLE





ABOUT TARGET CONDITION CYCLE FLUCTUATION

There are a few different ways to give a numerical value to the fluctuation / variation you find in process cycles. What's most important is that you can quantify the following:

- a) Where you are (taken from an exit-cycles run chart)
- b) How much fluctuation / variation you want to have next

In response to (b) the Learner may say "zero," but that's not possible. Better to say something like:

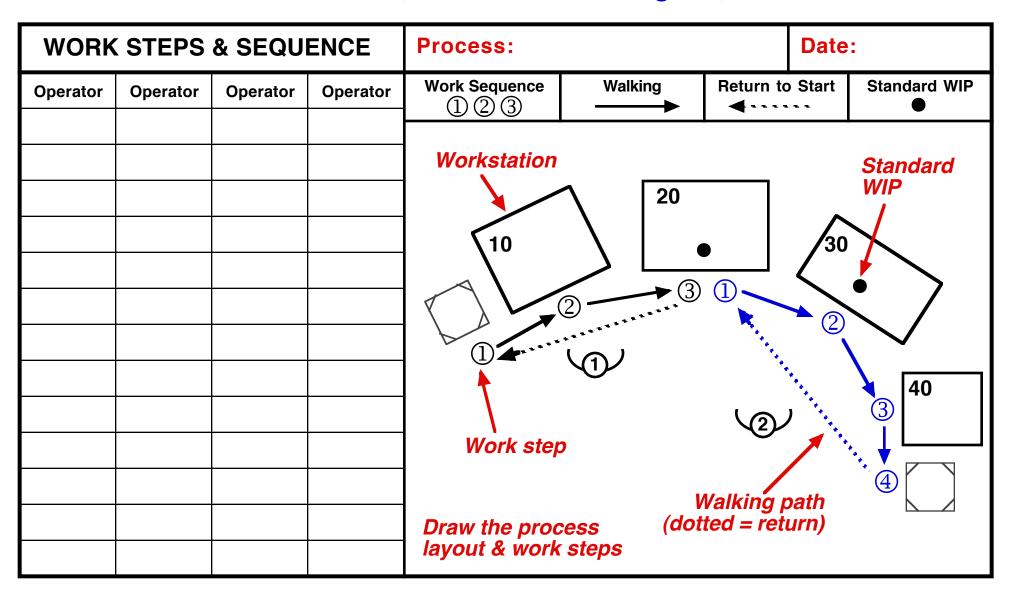
- a) "We currently observe -61% / +24% variation in the process exit cycles"
- b) "By (achieve-by date) we want the varation to be within +/- 15%"

This sets the Coach and Learner up to go through the Five Questions daily and engage in purpose-driven improvement.

Notice that this is not about in-control / out-of-control -- as in statistical process control -- but simply, "What variation do we currently have?" and "What variation do we want next?"

YOU SHOULD DEFINE THE DESIRED PROCESS STEPS, SEQUENCE & TIMES AS MUCH AS POSSIBLE

Use this form, or a swim-lane diagram, etc.



TC STEP 5: START THE 'OBSTACLES PARKING LOT'

These are obstacles relative to the Target Condition

As the Learner establishes the next Target Condition s/he will start to gain insight into some of the obstacles that are in the way. The Learner should start a simple "Obstacles Parking Lot," which is a list of obstacles that s/he thinks will prevent you from reaching the Target Condition.

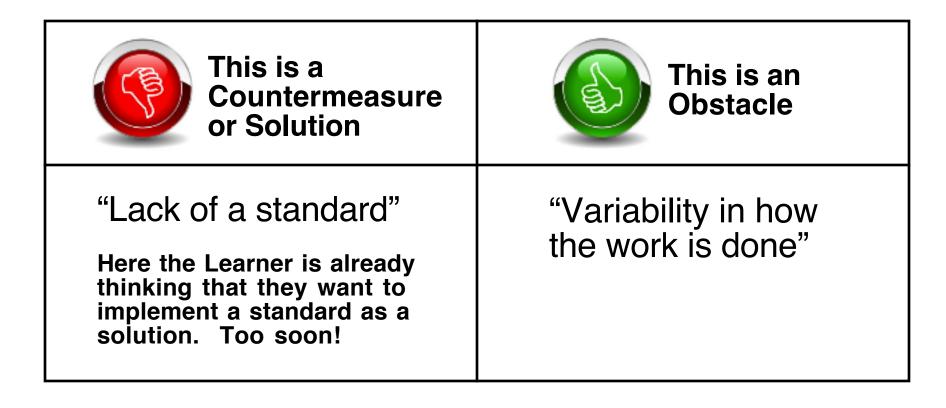
Note that there are obstacles that are not yet known, which will be discovered and added to the OPL along the way.

Obstacle Parking Lot					
	Obstacle How can you measure that?				
:					
•					
:—					
•					
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•					

A photocopy-ready OPL form is in the Appendix. The Learner should continue to update the OPL on the storyboard as s/he learns more in the 'executing' phase of the Improvement Kata.

WHAT IS AN "OBSTACLE"?

Obstacles are <u>problems</u> that appear to be preventing you from reaching the Target Condition... stated as problems. Obstacles are often mistakenly stated as countermeasures or solutions that the Learner already has in mind.



PURPOSE OF THE OBSTACLES PARKING LOT

	Obstacle Parking Lot				
	Obstacle How can you measure that?				
•					
•					
•					
•					
•					
•					
•					
•					
•					
•					
•					

Do not Pareto this list and do not turn it into an action-item list! It's simply a place to note and hold perceived obstacles, which you may or may not work on.

The obstacles you actually work on and the steps you actually take will be determined through your experiments in the next step of the IK pattern.

The purpose of the Obstacles Parking Lot is:

- 1) To bring in the reality that this will not be easy.
- 2) To help the Learner understand that they shouldn't tackle several obstacles at once. The OPL helps prevent the Learner from going after several issues or ideas simultaneously, which is usually an unscientific approach.
- 3) To help the Learner recognize the limits of prediction and perception. Some perceived obstacles will turn out to not be obstacles, and other obstacles will arise along the way.

OBSTACLE IS A GOOD WORD TO USE

When we visualize the struggle we may actually be more motivated than if we just visualize the Target Condition

Practicing the Improvement Kata pattern is not supposed to sound easy like... problem -> cause -> countermeasure -> check -> sustain and then you have a new state. That sort of unrealistic thinking tends to keep us inside our current knowledge thresholds.

Overcoming obstacles on the way to your next Target Condition helps develop self-efficacy. Failed experiments there are normal and help develop a useful humbleness.

Being mindful of the overall Challenge, the Current Condition, the next Target Condition and of real obstacles that are in the way to that Target Condition is a good setup for working effectively toward your goals.

How we visualize what we will be undertaking is important, but what happens once we get started may be even more important. That's the subject of the next step of the Improvement Kata pattern and of the next chapter!

Target Conditions for Office & Service Processes



ESTABLISHING A TARGET CONDITION FOR OFFICE AND SERVICE PROCESSES

Suggestions for processes where the work content varies

- Keep in mind that all you are trying to do is define a pattern of working to then iteratively (scientifically) strive to achieve.
- In administrative processes the sequence and volume of work is often variable. A useful tactic is to set a "pitch" as a framework. This means establishing a target pattern by fitting work into consistent-sized time increments at set times (a "pitch").

For example, instead of releasing work to an administrative process by natural customer orders -- whereby the amount and timing of work can vary greatly -- release work in equal portions to fill that consistent, scheduled time increment or "pitch."

The pitch is not a "takt time" calculation, but simply an intelligently-selected time increment. An example might be three applications processed every day from 1-2PM.

 Note that this is not something to simply be implemented or forced on the operators, but a target condition you work toward iteratively by seeing and overcoming obstacles to it. You're establishing what you want to be happening in that pitch increment, so you can see what you need to work on to get there.

ESTABLISHING A TARGET CONDITION FOR OFFICE AND SERVICE PROCESSES

(continued)

- One tactic is to classify work by type and only do one type per pitch, or release a mix that fits the time-frame of the pitch increment. Three categories, small/medium/large or regulardaily/project/sporadic are often sufficient.
- Your initial target condition doesn't have to be perfect. Once you have a first basic target pattern, it's a matter of applying PDCA (coached daily with the 5 Coaching Kata Questions) to find and break through obstacles that are preventing you from getting there.

As you do that you'll learn more about the patterns in the work, which you can integrate into the next target condition. Eventually, after you discover and remove enough obstacles that cause variability, you may be able to better understand patterns in the customer demand and even calculate a takt time for this work.

Office & Service Processes DEFINE A TARGET PATTERN OF TIME/WORK PITCHES

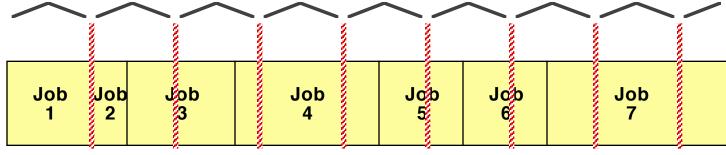
Pattern hard to see. Random chasing after problems. No target condition to strive for.

How the work arrives

Job Job Job Job Job Job G 1 2 3 4 5 6		Job 4	5	ob Jol 6 7)
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A daily pitch pattern to iteratively strive toward.





Don't worry about the increments being perfect at the start. Define a target increment, make that part of your target condition, and start asking the Five Coaching Kata Questions.