The Ultimate TOC Reference Sheet

5 Focusing Steps of TOC 1.Identify the system's constraint 2. Decide how to Exploit the constraint 3.Subordinate everything else to improve the performance of the constraint 4.Elevate the system's constraint 5. If the constraint is broken, go back to the first step, but do not allow Inertia to become the new system constraint Eli Goldratt's Philosophy 1. December 2. Elicon

- 1. People are good
- 2. Every conflict can be removed
- 3. Every situation, no matter how complex it initially looks, is exceedingly simple
- Every situation can be substantially improved; even the sky is not the limit
- 5. Every person can reach a full life
- 6. There is always a win-win solution

Commitments

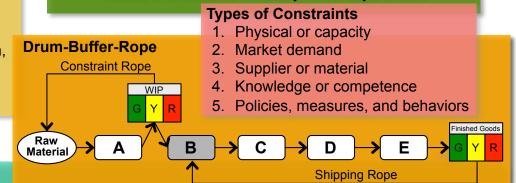
- 1. Make only commitments you intend to keep
- 2. Don't make fuzzy commitments
- 3. If a commitment must be broken, give earliest possible notice, apologize, and agree on a new commitment

6 Layers of Buy-In

- 1. Agree on the problem
- 2. Agree on the direction of the solution
- 3. Agree that the solution solves the problem
- 4. Agree the solution doesn't lead to negative effects
- 5. Agree on how to overcome any obstacles
- 6. Agree to implement

Throughput Accounting (TOC Priorities)

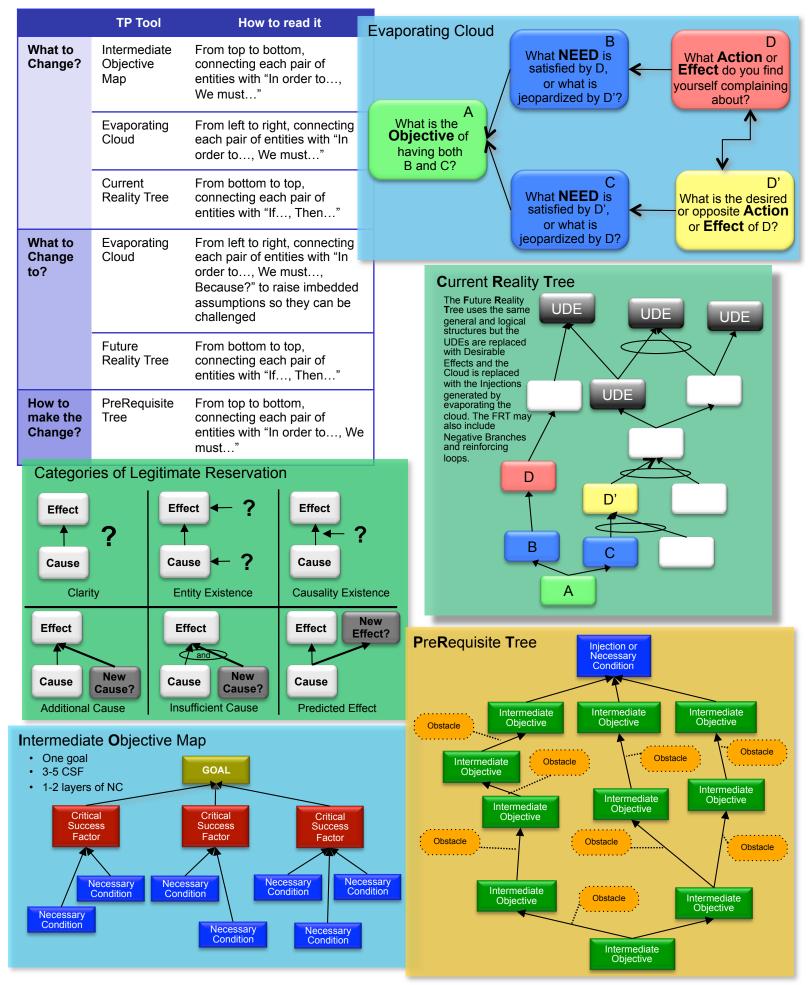
- 1. **Maximize Throughput (T)**. T is the rate at which money is generated through sales or interest. T is revenue minus truly variable costs.
- 2. Reduce Investment (I). I is all monies spent on things intended for sale including material inventories plus resources such as equipment, land, and computers.
- **3. Reduce Operating Expenses (OE)**. OE is all monies spent turning Investment into Throughput. It includes direct labor, SG&A, utilities, and rents.
 - Net Profit (NP) = T OE, ROI = (T OE)/I
 - Throughput Dollar Days = The sum of the throughput value of each late order X days late
 - Inventory Dollar Days = The sum of the throughput values of excessive inventory X the days unsold



Critical Chain Project Management

Resource 1	Resource 2	Feeding Buffer	Resource 3 (CCR)	Resource 4	Project Buffer
 Identify the Critically Constraining Resource (CCR) Estimate tasks at a 50% OTD rate and without buffers Plan buffers for projects and chains that directly feed the CCR Begin tasks as late as possible Relay team work ethic No bad multitasking! Project managers must insure this even across simultaneous (multiple) projects Insure a "full kit" is ready for the CCR Manage project portfolio to maximize throughput from the CCR 					

TOC Thinking Processes



No problem can withstand the assault of sustained thinking. - Voltaire