

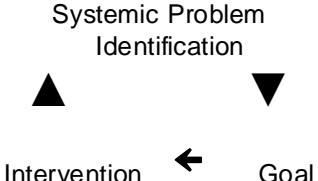
The Capacity Building Canvas

Designed for: Finding Solutions in Systems

Designed by: Bradford Applin

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Version: 0.4

<p>Behaviors</p> <p>Less blame of 'others' and 'bad actors'</p> <p>Action instead of complaint</p>	<p>Capabilities</p> <p>Model complex system behavior</p> <p>Design interventions to address complex problems</p>	<p>Concepts</p> <p>System Definition</p> <p>Stock-and-Flow Modeling</p> <p>Leverage points for system intervention</p>	<p>Motivations</p> <p>Excitement of learning a new perspective to see the world</p> <p>Alleviate feelings of helplessness when part of large organizations or problems</p> <p>Feel good about yourself as a positive influence for change</p>	<p>Learners</p> <p>Non-STEM undergraduates</p> <p>Non-STEM workers</p> <p>STEM workers (for control group and for Non-STEM interaction)</p>
<p>Double-loops</p> 	<p>Experiences</p> <p>Watch/listen to discussions about real-life systemic problems and leverage points.</p>	<p>Scaffolding</p> <p>Nature, machines, & government</p> <p>Wallet</p> <p>Smartphones</p>	<p>Mediums</p> <p>Website (capacitycanvas.com) - Text, Images, Video</p> <p>Google Drive (Docs & Forms)</p> <p>E-mail (challenge feedback)</p>	<p>Mentors</p> <p>Co-learner simultaneously completing the program (i.e., 'buddy system')</p> <p>Prior Learners who completed the program and/or course author</p>
<p>Follow-up Daily challenges for 1 week Daily feedback and encouragement on challenges Test 1 month after completion Survey 1 month after course completion</p>		<p>Costs Learner Time: ~2.5hrs total (Day 1-7: 15min/day for course; 5 min/day for feedback review; Day 8: 15min interview to go over canvas) Mentor Time: ~1.5 hrs total (per participant) (Day 1-7: 10 min/day for feedback review; Day 8: 20min for interview and processing)</p>		
<p>Metrics % of participants that completed daily challenges Month after test score Survey before/after measuring their confidence in (and behaviors towards) creating change</p>		<p>Partners IME department @ Cal Poly SLO</p>		