

Class activities:

Activities: Project Busters ... College-Prep



Background:

7 classes (1.5 hours): Program will be given as student led classes using sheets that instruction lessons they must work on.

Student Commitment sheet ... Create an initial condition sheet that the students pledge they want to learn and be a committed part of this exercise. What key words would they use to describe their commitment? These activities are time commitments, you will be judged on their completion.

What are our mutual expectations for doing this class? How are we to treat each other? What are our culture for working together?

Sense of urgency in all of us

Class 1

10 m	Intro to what will be done; goal of the program
	Key learners ... Chosen each week to read up on the next class and provide information to team
25 m	Build a tower... Marshmallow project
15 m	Questions / Reflection Form groups and discuss questions after the Marshmallow building project:
10 m	Break
20 m	http://www.projectacademy.org/fuller/Picking%20our%20problem-02122017.pdf What problem to we want to work on? World, Community, School? How will we pick this? Group discussion What criteria do we need to insure problem is solvable by us? Draw a picture of your idea that will be graded for points (Criteria: detail, plan, colors, etc.)
10 m	Reflection How does this relate to something you did in the past? What did it feel like?
	<ul style="list-style-type: none"> • Culture in our community? Diversity what is it? 10m <i>Facilitator ...</i> • Values we want in our learning team 15m ... <i>Student discussion</i>

Class 2

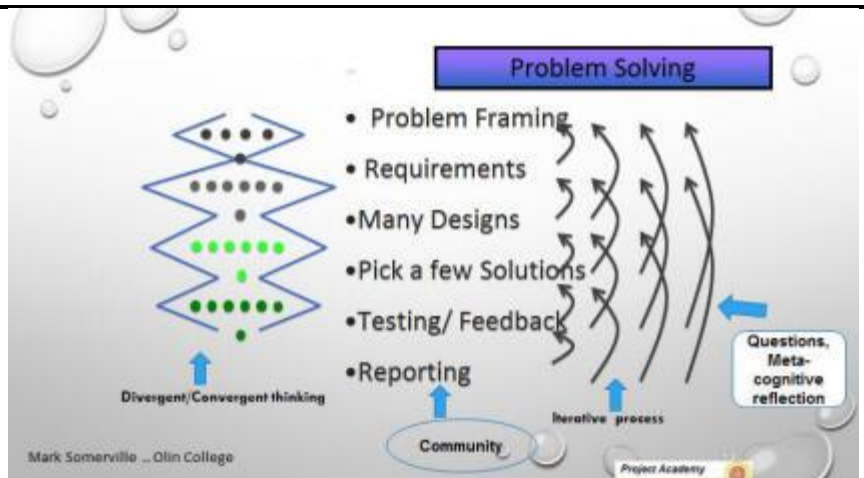
10 m	Video ... Problems as opportunities
20 m	Create a learning team Read on-line learning doc. Create an outline, develop a charter for the team
10 m	What are our values and norms of operating as a team
10 m	Like a sports team



Class activities:

10 m	Break
30 m	Learning Team <ul style="list-style-type: none"> • How does a sports team operate? 15m <i>Facilitator</i> • Creating a team charter 15m ... <i>Student discussion</i> • Roles for the team ...<i>Student discussion</i> • Skills ... dealing in adversity, collaboration
	<ul style="list-style-type: none"> • Greeting skills, Eye contact, nonverbal skills-10m ... <i>Student discussion</i> • What issues to we see in our neighborhood?-10m ... <i>Student discussion</i>

Class 3



10 m	Starting the design process
30 m	Formatting or framing the Problem <ul style="list-style-type: none"> • Group discussion... Possible projects, create handouts of possible projects 15m <i>Student discussion</i> • Project & Measurements 15m <i>Student discussion</i> • Requirements for project success, setting a task list 15m <i>Facilitator</i> • Team work, Handling adversity, Project planning, Scheduling 15m <i>Facilitator</i>
10 m	Improv around listening
10 m	Break
30 m	Develop Requirements for our design ... How are we going to measure the success of our creation?

Class 4



Class activities:

10 m	Creative & Critical thinking
30 m	Begin design solution: <ul style="list-style-type: none"> • Project based learning ... 15m <i>Facilitator</i> • Brain storming, creative thinking 15m • Brain writing 15m • Thinking skills, iteration 15m <i>Facilitator</i>
10 m	Improv around listening
10 m	

Class 5

10 m	
30 m	Shaping & Sorting <ul style="list-style-type: none"> • Braining storming follow-up <i>Student discussion</i> • Shaping & Sorting <i>Student discussion</i> • Picking a few Skills, system thinking
10 m	Improv around listening
10 m	

Class 6

10 m	
30 m	Decision making <ul style="list-style-type: none"> • Shaping follow-up <i>Student discussion</i> • Decision making <i>Facilitator</i> • Decision • Skills, decision making, measurements/ feedback, risk taking <i>Facilitator</i>
10 m	Improv around listening
10 m	



Class activities:

Class 7

10 m	Testing & Feedback <ul style="list-style-type: none">• Discussion & testing your solution <i>Student discussion</i>• How can we make it better?• Do we have a visual representation of what we accomplished? <i>Facilitator</i> Mind map
30 m	Reporting & Celebration <ul style="list-style-type: none">• Elevator pitch <i>Student discussion</i>• What learning do we leave for the next class? <i>Student discussion</i>• Celebration awards <i>Facilitator</i>
10 m	Improv around listening
10 m	

