

force Each week = 7 hours/day 5 days a week

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Process-flow-skills-ciass-10/15/2022

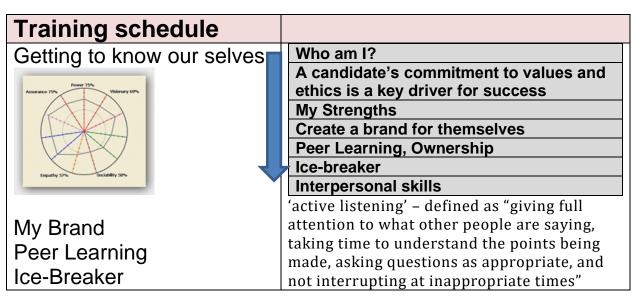
Our students want to learn, to better themselves and the community, they are curious and aren't afraid to explore, they are innovation and enjoy solving problems and working as a team member, people that care about culture and diversity. There values will be aligned with the company's culture. They will want to be part of building a successful business and better world.

Our Program Uniqueness:

1. The group builds its rules of engagement & culture to become a team. The self-empowered team picks the opportunity. Treat others respectfully and as they would like to be treated – "The Platinum Rule"

2. Shares a common approach often translated as "I am because we are," or "humanity towards others ... ubuntu , (Going from an "I to a We" culture)

- 3. Each of us is a teacher and mentor to our teammates.
- 4. Common goals and objectives
- 5. Practice & Learn like a Sports / Music team
- 6. Has a clear view of who our customers are and their needs.
- 7. Follow on support to the community.



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Forming our learning team	Create a team structure & cultureHow to work with each otherWhat are our values and operating normsHow to control myself in various situationsListening skillsself-monitoring and assessment are connected to the ability to monitor and assess others and are crucial for working in a team. They are also linked to good time management
Deciding on our problem to work on	What is the real problem we need to solve?Deciding on the requirements & researchDeveloping our goals and plansPlanning skills and time managementThinking like an owner – Customer focusBreaking down big tasks into easy steps and emphasizing the importance of mistakes in achieving success can be help students to avoid being overwhelmed by work or fearing failure
Problem solving	Thinking skills – creativity, critical thinking, QuestioningFraming the problemBrain stormingBhaping the resultsDecision makingAfter we decide on a problem we want to solve, we use the engineering design process to help us find possible solutions. We are using a design process that is a combination from Engineeringlens.org and Olin college of engineering.
Testing and reflecting	Iterative process of design Looking to see how you can improve Redesigning what you did Reflecting with your teammates

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Elevator pitch Presentation delivery skills Engagement

Students will work cooperatively to develop a verbal and visual presentation. Having a public product ups the stakes for students, leading them to do higher quality work. No one wants to look bad in public.

Examples of some elements of the learning

Business skills

De sision de la secondada
Decision making
Measurements
Presentation skills
Balance scorecard
Process design
Quality



Personal skills

Financial literacy	
Time management	
Goal setting	
Communications	
Flexibility	





Students to think about (soft-skills):

What we do	Description
Curiosity	Look around
	 Ask questions
	Learn from others
	Have fun exploring
Better Listener	 Understand what the other person is saying
	 Use questions if you don't understand
	 Para-phase what you heard
	 Practice empathy with others
Non-verbal	Eye-contact
Interpersonal	Smile
	Be attentive
	 Show you are listening
Show common	 Think critically when discussing
sense	Take your time
	Be respectful
	 Be honest if you don't know
Kindness	 Practice empathy
	Willing to help
	Trusting
Taking risks	 Learn from mistakes
	 Reflect on the process
	Boldness
Reflect on your	 Take time to review what you did
actions	 Ask questions of your self
Building your	 LinkedIn, online groups
presence	
Mindset thinking	Ownership
	Brain plasticity
	Engineering



Define Learning Objectives

- Your first step is to specify what you want your trainees to learn
- determine how you will measure this

Think about these questions: • What are the most important concepts or skills that trainees need to understand by the end of the class? • Why are these concepts and skills important? • How will you know that they have understood these correctly?

Rubric:

	(1)	(2)	(3)	(4)
	Beginner	Basic	Proficient	Expert
Assessment Outcomes	Little or no evidence of the outcome	Beginning of or some evidence of the outcome	Detailed and consistent evidence of the outcome	Highly creative, inventive, mature presence of outcome
Supporting a learning environment	Shows minimal interest in class activities	Shows interest in activities and evidence of some understanding of thinking strategies	Engaged in activities and shows good understanding of thinking strategies; beginning to adapt strategies to lesson planning	Very engaged in activities; shows strong understanding of thinking strategies and how to adapt them to lesson planning
Classroom Participation	Participates infrequently	Participates sometimes; makes appropriate contributions to discussions and activities	Participates frequently; adds value to discussions and activities	Participates frequently; makes strong connections to topics and extends thinking beyond what is presented
Individual assignment	Assignment is completed; quality varies	Assignment completed; meets requirements	Assignment completed thoughtfully and completely	Assignment completed thoughtfully; includes innovative and original thinking
Team work	Participates marginally	Participates sometimes; makes appropriate contributions to group work	Participates consistently; adds value to group work	Participates consistently; pushes group to extend thinking beyond what is presented



Learning Strategies:

It is important to give learners the time and opportunity to talk about thinking processes, to make their own thought processes more explicit, to reflect on their strategies and thus gain more self-control. Acquiring and using meta-cognitive skills has emerged as a power idea for promoting a thinking skills curriculum ... Carol McGuinness (1999) Create your thinking strategies

- Look to make your approach more efficient.
- Look at issues from a system view with inputs, outputs, processes and feedback.
- Think of strategies in "gathering, organizing, analyzing and making conclusions.
- Break problems into small chunks and study them well.
- Begin with the things that are simplest to understand and move to the more complex.
- Never to accept anything as true that you do not clearly know.
- Be complete in both your work and reviews that nothing is omitted.

Descartes, Discourse on Methods

Learning schedule: The length of the weeks will vary based on

students, needs of the client and other factors: (*small lower case are the learning objectives for the week*)

Week 1 Who am I? My strengths; What makes an organization? Introduction Teamwork Culture in an organization, Icebreaker Physical appearance Week 3 How are teams created?	Week 2What are my social skills, mymindset thinking?Interpersonal skillsSEL, Managing selfWorkplace discussionMindset thinkinghttps://www.youtube.com/watch?v=RfWgVWGEuGEWeek 4Understanding a company and its
Team development Charter, Culture Ground-rules <u>http://projectacademy.org</u> / <u>trainer/teamwork-learning-module-</u> 10262021.pdf	process? Company organization Foundational skills Business & Thinking tools • Flow charts • Process sheets • Info mapping



Week 5 Detail learning of business processes	Week 6 How to find the root cause of a problem?
Financial literacy	Team problem analysis
Process management	Root cause
Quality systems, balanced	5 whys
scorecard	Requirements doc.
	http://projectacademy.org/
····	Simplified/picking-a-problem-method.pdf
Week 7 What are the major points	Week 8 What are the steps of problem
of working Together? Discuss of	solving? Problem solving
what problem to work on	discussion
Week 9 What have we learned?	Week 10 Testing/ Review
Problem solving continue	Assessment
Reflection / Rubrics	Balance scorecard
Week 11 Summary/ Review	Week 12 Entrepreneurship
Failure is a form of learning	creativity
Week 13 Project Planner?	Week 14 Program review
Thinking Technician	careers
Week 15 Program review,	Week 16
Family support	Technology future direction AI,
	Robots, Internet of things &
	Analytics
	Celebration

Learning process outline

Getting started, overview, your questionsOutline of the learningExercise of the learning, project basedReview & ReflectionOutcomes and document



Curriculum Flow Process: (First few weeks)

Est.	Label	Detail
Time		Detail
6 hr	Discuss about you Discuss the beginning of learning ABOUT YOURSELF	Introduction to Project Academy Utilize the Experience and Wisdom of your past Experience? practical contact with and observation of facts or events. "he had already learned his lesson by painful experience" Wisdom? ability to discern inner qualities and relationships : insight. b : good sense : judgment
8 hr	Peer learning process	You own your learning with a team-mate
6 hr	Class schedule	 How the classes will run & our responsibility Our culture, students' responsibility Tenants <u>http://projectacademy.org/Documents/tenets-projectacademy-03222017.pdf</u>
8 hr	About you	Branding Video https://www.youtube.com/watch?v=QwMjvZfH3 H4 Creating a brand for the individual- • Strength & Goals • Video, doing your brand statement • Interpersonal skills Attitude \Hand-shake Inter-personal http://projectacademy.org/trainer/bb1- icebreaker.html
4 hr	know your customer- Their needs	 Discuss Corp Culture and expectations Organization Expectations, Professionalism



Est. Time	Label	Detail		
		 Learning – Curiosity <u>http://www.projectacademy.org/Documents/</u> ownership-mindset-10272018.pdf 		
16 hr	Your inner strength	Review the importance of your Attitude and Social & Emotional thoughts <u>http://www.projectacademy.org/resources/</u> <u>docs/skills-set-SEL-05092018.pdf</u> <u>Master Your Life Aptitudes</u> <u>Inner</u> Outer		
		Self Awareness: • Awareness of your emotions • Accurately knowing yourself • Self-Confidence • Self-Confidence • Understanding others • Understanding of group behaviour & motivations • Service Orientation • Strong Relationships: • Clear communicator • Elevates others • Adaptability & Creativity • Motivation & Self-discipline • Wise actions • Initiative • Initiative		
8 hr	Mindset	howtomasteryourlife.com Ownership Think like an owner		
	thinking	Growth The brain is like a muscle, use it or lose it		
	<i>Questions are the answer</i>	Engineering Manage tasks around a project		
		http://www.projectacademy.org/		
8 hr	Life-Skills discussion Trust, Respect,	Creative & critical thinking, Learning skills		

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	Empathy, Listening, Independence, Collab oration, Kindness, Taking Risks, Boldness, Creativity, Learning attitude, Work ethics, Communications skills, Decision making	 Wisdom- good decisions and taking the path that provides value to all (society) Curiosity is a strength within the virtue category of wisdom, one of six virtues that subcategorize the 24 strengths. Wisdom describes strengths that help you gather and use knowledge. The other strengths in Wisdom are creativity , curiosity , judgment , love of learning , and perspective . Community- People and relationships count Social justice- leaving the world a better place than you found it Purpose- Sense of direction that you achieve, the goals you set
4.1.1-	Quricaitu	http://www.projectacademy.org/resources/docs/globel- age_skills.pdf
4 Hr	Curiosity	 The power of curiosity. When we aren't curious, we don't listen. When we aren't curious, we are unable to have an open-minded point of view. When we aren't curious, we don't bother asking questions. When we aren't curious, we tell, judge, criticize, blame, and shame



8 hr	About what makes up a company/	Discussion: How would we create similar org. charts for the following:
	Business Governing body Extension & ICS +Administration +Administratio	 Local candy store Drug store like CVS Electronic manufacture of a smart phone Pharmaceutical Sales company What are some of the major processes in these
		companies? How would we draw a flow map for the process?
		How do we add value as an employee?
8 hr	Life-Skills discussion <i>Trust, Respect,</i> <i>Independence, Collab</i> <i>oration, Kindness,</i> <i>Listening, Empathy</i>	 Creative & critical thinking, Learning skills Wisdom- good decisions and taking the path that provides value to all (society) Community- People and relationships count Social justice- leaving the world a better place than you found it Purpose- Sense of direction that you achieve, the goals you set http://www.projectacademy.org/resources/docs/globel-age_skills.pdf
16 hr	Basic computer literacy	Email, Web, Search, Software tools http://projectacademy.org/trainer/bb1- set-up.html
8 hr	Communication components	 Written-image mapping Verbal- Difficult conversations Listening
	Dealing with conflicts in the team	Info- Mapping Makes the document easier to read with labels on the left s

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	Insure listening to each other		document and logical break up of information document.	n in tł	e
	Seek understanding not agreement				
	Outline the issues	Mind-	A mind map is a diagram		
	Build dialogue	Mapping	used to visually organize information. A min	d ma) is
	Agree to an action plan		hierarchical and shows relationships among		
	Insure you follow up.		the whole. [1] It is often created around a sin		
	Be positive		concept, drawn as an image in the center of		
			page, to which associated representations of		
			such as images, words and parts of words an Major ideas are connected directly to the cen		iea.
			concept, and other ideas branch out from the		
		Listening	http://projectacademy.org/fuller/lis	ten	ng-
			not-judging.pdf		
8 hr	Module Design	Review th	he design of the learning process		
	Ŭ		and how they can be used		
		http://www.p	rojectacademy.org/resources/Portfolio%20o ng-0992021.pdf		



16 hr	Team work skills Charter; Culture	Introduction to creating a team: Why do we need a team? Review U-Tube video's, searches	
	"The work world has	Path of creating a team	Is diversity good for a team? WHY
	changed so that social skills are at a premium. <i>Over 70% of jobs today</i> <i>involve membership of a</i> <i>team</i> Increased technology in the workplace is associated with interdependence	Do Organizations have a Culture?	Essential Questions I must answer: 1. What do I bring to the team? 2. What are our commitments to one another 3. What differences exist between us? 4. How will we operate? 5. How will we know we are succeeding? We benefits does a team approach help in solving problems? How are we going to work together – handle com
	 teams cooperate with teams. In today's world teamwork skills are employability skills." Dr. Spencer Kagan What roles do we have in the team? 	Culture What is the culture of the team? How is a learning team like a sports team? Write up the results Example: The school will foster a Team/community based culture of a learning environment, with all treated as adults and with respect. What is our classroom culture? (How are we going to operate?) Elements to discuss: Define for our team	Creating a team charter The Charter Covers: Goals (Fun,), How will we be measured at the Roles that the team will do, (So Captain, Planner, Advisor, Test Public reporter.) Deliverables? How will we handle conflicts? Compare & D to a learning Sports team Jazz group Project team
		Page 1 of 1 http://projectacademy.or team.html	Project Academy r <mark>g/trainer/bb1-</mark>
8 hr	Planning & organizing	 Time management Question process Gantt Chart, Note t 	
16 hr	Analysis & Analytical	Basic math, Graphing Problem Framing <u>http://projectacademy.o selection.html</u>	<u> </u>



16 hr 24 hr	Foundational skills Requirements Problem solving • Experimenting • Brain-writing, many designs, convergent • Shaping(Mundane, Stretch, Magical) • Decision making	Tools used in the corporate world to manage and improve projects & tasks http://www.projectacademy.org/Foundation.n-Handbook-12.pdf
8 hr	Reflection	<u>http://projectacademy.org/trainer/bb1-</u> problem.html • Reflection
0 III	feedback	 Reflection Evaluation <u>http://projectacademy.org/trainer/bb1</u> <u>-test-report.html</u>
4 hr	Example: Project Process (google)	 What project managers do The major phases of a project Plan and organize projects Manage a team to complete tasks Budget and control project costs Complete projects on time Average entry-level starting salary ¹ \$59,000/yr
8 hr	Discussion of corporate roles and job functions	http://www.projectacademy.org/careers- 09142021.pdf
16 hr	Reporting & Job internships	Available Career Options <u>http://www.projectacademy.org/resources/Learn%20about%20th</u> <u>e%20job%20and%20the%20details-1.pdf</u>



Practice	• Participate in self-reflection. In order to improve, you must first be honest about where your shortcomings are. This isn't always easy. If you are struggling, ask a friend or family member to help you identify your true strengths and weaknesses.	
	• Observe others . Look to others who exemplify the soft skills you want to improve. If you have a relationship with them, ask for their advice or coaching.	
	• Practice . All soft skills will improve with practice. Once you have obtained training or coaching, practice using your new-found skills with friends or family before your interview. This will give you the confidence to take these skills into the workplace.	
Monthly follow-ups	Mentoring and product updates, one year plan	
Web sites used	https://signalsuccess.org/ MA educational resource Work Readiness Curriculum	
Total= 176hr / 8= 22 days Need to add practice time to schedule		

+ 40 hr=5 Days Approx. 6-7 weeks

General Discussion:



Our students want to learn, to better themselves and the community, they are curious and aren't afraid to explore, they are innovation and enjoy solving problems and working as a team member, people that care about culture and diversity. There values will be aligned with the company's culture. They will want to be part of building a successful business and better world.

In the coming era of business for good, everyone who taps their alarm button in the morning and heads to work can play a role. This isn't just a matter of what the C-suite does. It's about what happens on the shop floor or in the rows of office cubicles.

Because no matter what you do or where you work, everyone can contribute to building a successful business and a better world. So if the central premise of this book can be boiled down to a single point, it's this: A culture rooted in values creates value. My sincere hope is that this book will inspire you to look inside yourself, ask the right questions, and blaze your own trail. What you do next matters. ... Benioff, Marc. Trailblazer (pp. 8-9). The Crown Publishing Group. Kindle Edition.

Here's an excellent video Culture in an organization https://www.youtube.com/watch?v=RfWgVWGEuGE

(Extra material): Training for your strengths and Attitude

Questions: /How to initiate your child asking good questions_010920152.pdf

What makes a question good?

• A good question makes you think.

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- A good question is one that does not have an immediate answer, because it requires some thinking, feeling and application to previous knowledge.
- A good question opens doors. It demands more than a yes or no answer.
- A good question penetrates the structure and meaning of the knowledge base to seek understanding.

Self-awareness

The ability to accurately recognize one's own emotions, thoughts, and values and how they influence behavior. The ability to accurately assess one's strengths and limitations, with a wellgrounded sense of confidence, optimism, and a "growth mindset."

- Identifying emotions
- Accurate self-perception
- Recognizing strengths
- Self-confidence

Self-efficacy

Value Yourself	http://www.projectacademy.org/resources/docs/Valuing%20
Talk nicely to yourself	Yourself03022020.pdf
• Surround yourself with positive	
people	
Find inspiration	
Value your own opinion of	
yourself	
Help other people	
Non-verbal communications 10 Tips	http://www.projectacademy.org/resources/docs/10%20Tips
	%20on%20Nonverbal%20Communication.pdf

Self-management

The ability to successfully regulate one's emotions, thoughts, and behaviors in different situations — effectively managing stress, controlling impulses, and motivating oneself. The ability to set and work toward personal and academic goals.



- Impulse control
- Stress management
- Self-discipline
- Self-motivation
- Goal-setting
- Organizational skills

How to keep a positive outlook in	http://www.projectacademy.org/resources/docs/How%20to%2
Life	0Keep%20a%20Positive%20Outlook%20in%20Life.pdf
Being Happy about yourself- 20	
items	
Building Self-Confidence	http://www.projectacademy.org/resources/docs/BiteSizedTraini
13 pages	ngSelfConfidenceCONNECT.pdf
Branding yourself	http://websterampersand.com/branding-yourself/
ADOPT THE	
SELF-BRAND MIND-	
Secial auroranaa	

Social awareness

The ability to take the perspective of and empathize with others, including those from diverse backgrounds and cultures. The ability to understand social and ethical norms for behavior and to recognize family, school, and community resources and supports.

- Perspective-taking
- Empathy
- Appreciating diversity
- Respect for others
- Relationship skills

The ability to establish and maintain healthy and rewarding relationships with diverse individuals and groups. The ability to communicate clearly, listen well, cooperate with others, resist inappropriate social pressure, negotiate conflict constructively, and seek and offer help when needed.



- Communication
- Social engagement
- Relationship-building
- Teamwork

Responsible decision-making

The ability to make constructive choices about personal behavior and social interactions based on ethical standards, safety concerns, and social norms. The realistic evaluation of consequences of various actions, and a consideration of the well-being of oneself and others.

- Identifying problems
- Analyzing situations
- Solving problems
- Evaluating
- Reflecting
- Ethical responsibility

Week1

Who am I? My strengths; Introduction Teamwork Culture in an organization Physical appearance

Review and Discuss... What does each express mean?

YOUR STRENGTHS & ATTITUDE		
	Confidence in your	Social & Emotional
	outlook	learning
Valuing yourself	Assessment & Reflection What did we learn about ourselves ; Setting up our goals for the program	
Self-awareness	Begin Branding Yourself	Social Justice & Community
Self-Management	Success is in small steps	Relationship Skills



Discuss your strengths that we can build on. What is my positive attitude?

Day 1

Developing our plan going forward Group activity, tied to web site,		
People own their learning,		
Hour Activity		
	About this program Us You Program structure Note taking and the book Where information is located on the web Ice breaker What is the mission of Project Academy Read& Discuss	
Learning about myself, Ice breaker, getting to know each other, key values	Program structure Building a learning team Working on problems to learn skills Reporting to the community Becoming a valued employee and Citizen	
Your learning buddy is a good person to listen to and be honest with your feedback	You and your goals what are you looking for? Reflection and recording our thoughts	
	Use of the web for learning and searching	

Day2

Hour	Activity
	How to use our computer
	Google docs How are we going to learn?
	YouTube
	Ownership ThinkingWhat do you think this
	means?
	Brain Plasticity It's a muscle
	Life skill discussionname some Listening,
	Time-management, Honesty,



Day 3

Hour	Activity
	Who we are? Strengths, Our Goals
	Branding ourselves
	Interpersonal skills Attitude \Hand-shake Inter-
	personal
	Building bridges to others
	What is a learning team?

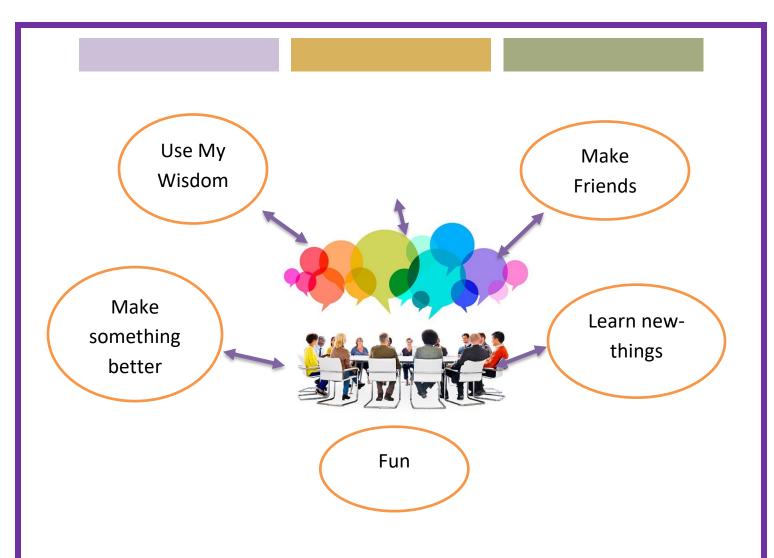
Day4

Hour	Activity
	Questions are the answer
	What is a sports team? How is it like a learning
	team; what about a jazz group?
Watch Video	Building a team, culture, values
	Communication skills? Is listening a part of that?
	What tools do we need for the teams success ?

Day5

Hour	Activity
	What roles do we have in the team?
	Page 4 of 10
	Why teams are important for successful
	How does diversity play a role in a team?
	Doing our first team meeting
Honest discuss of what we learned!	Reflection for the week





A methodology that engages people in meaningful discussions on matters big & small. Through our compelling approach, you will find energy & fulfilment by talking with others and coming up with solutions to relevant problems.

We help people connect with each other, break down barriers to communication, and have fun in the process.

Our approach is to have the group become a working team, pick a program that they want to work on to improve the community and then report the results. As owners of your process, there are many ways to accomplish this. Our web site offers tutorials on these areas for you to use or you can discover your own path. The important items re for you to learn, have fun,



provide some benefit for the community and use your wisdom. Lets discuss your next steps.

Reference documents:

Title	Address
Bloom	http://projectacademy.org/program-
Taxonomy	plan/BLOOM_Revised_questions_070909.pdf
Time	http://www.projectacademy.org/girls/How%20to%20Teach
Management	%20Time%20Management%20Skills%20to%20Teens.pdf
Training	http://www.projectacademy.org/resources/docs/training-
support	supoort-11282018.pdf
Curriculum	http://www.projectacademy.org/resources/docs/Curriculum
overview	<u>%20Overview-06292018-3.pdf</u>
Coach-	http://www.projectacademy.org/resources/docs/1-
mentor	members%20as%20coach-%20mentor-01272020.pdf
Student	http://www.projectacademy.org/resources/docs/1-student-
Benefits	benefits-02252020.pdf
Questions	http://www.projectacademy.org/resources/docs/learning-
	skill-theories-12062018.pdf
Balanced	http://www.projectacademy.org/resources/docs/How%20a%
Scorecard	20Balanced%20Scorecard%20For%20Education%20Evalu
	ation%20Should%20Be 10202015.pdf
Doc. Manual	http://www.projectacademy.org/resources/docs/dozuki_tech
	writing handbook.pdf

