

Appreciate
the beauty
around us



Project Busters



Schedule

9 sessions



1 session	Intro & Brain Plasticity/ Mindset/Culture
2 sessions	Forming teams and setting values
1 session	Picking the project
3 sessions	Problem solving
1 sessions	Testing and iteration
1 session	Public reporting

Getting to know each other

Class room different than caulk & talk

- Teacher as facilitator
- Asking questions for learning
- Treating each other with respect
- Learning about tools

Our Names & Housekeeping activity

10 minutes	Intro exercise Brain Plasticity Questioning ... the answer is in the question!
10 minutes	Discussion of exercise Intro to Project Academy
20 minutes	What do we see in our neighborhood? Culture
10 minutes	Greeting skills, Eye contact, non-verbal skills

Me		Fun
Project-Academy		Values
You	You-You	work together
Team	Roles	You-Community
Solve the problem	Assessment/ Reflection	Rubrics
Ownership-of-your-outcome		

The World is changing

- Intelligent machines, AI
- Robots

Smart Creatives ...Googles term for people they want to hire.

Knowledge workers are becoming obsolete.

Wagner, Tony; Dintersmith, Ted (2015-08-18). Most Likely to Succeed: Preparing Our Kids for the Innovation Era .



About us?

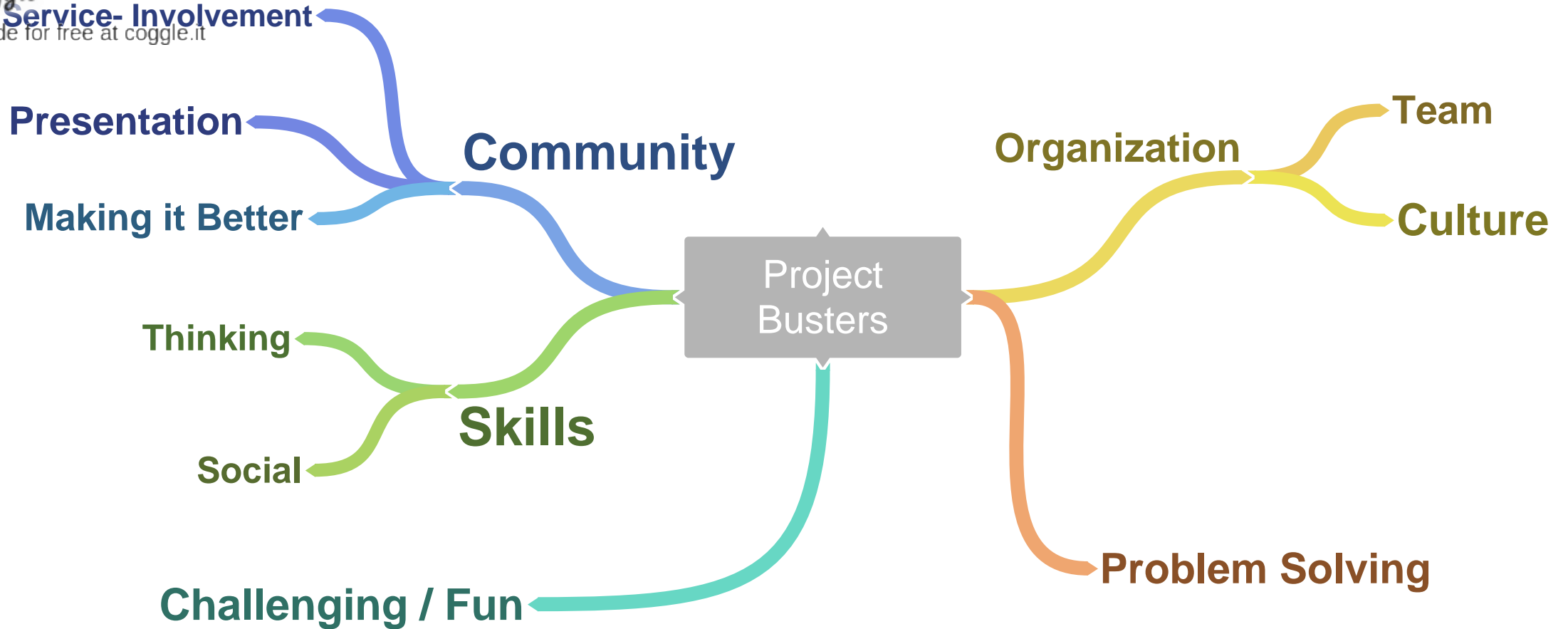
- Non-profit ... MA State
- 501-c-3 IRS status
- Building an organization ...
- Looking for early adaptors
- Looking for community partners/ business
- Talking to stakeholders about needs
- Looking for people who want to be part of helping society



What's Project Busters about?

coggle

made for free at coggle.it



Key Questions: ... *the answer is in the question*

Examples ...

- What is our classroom culture? (How are we going to operate?)
- What are our learning targets, goals for the class?
- How do we want to be measured?
- How do we want to be treated in the group?
- What is a team and how do we create it?

Questions:

A question is an expression of inquiry that invites or calls for a reply or an interrogative sentence, phrase, or gesture.

- What type of questions get you to think deeper?
- What makes a question good?
- How can we integrate questions in our project?

Brain Plasticity ... Your Brain is a muscle



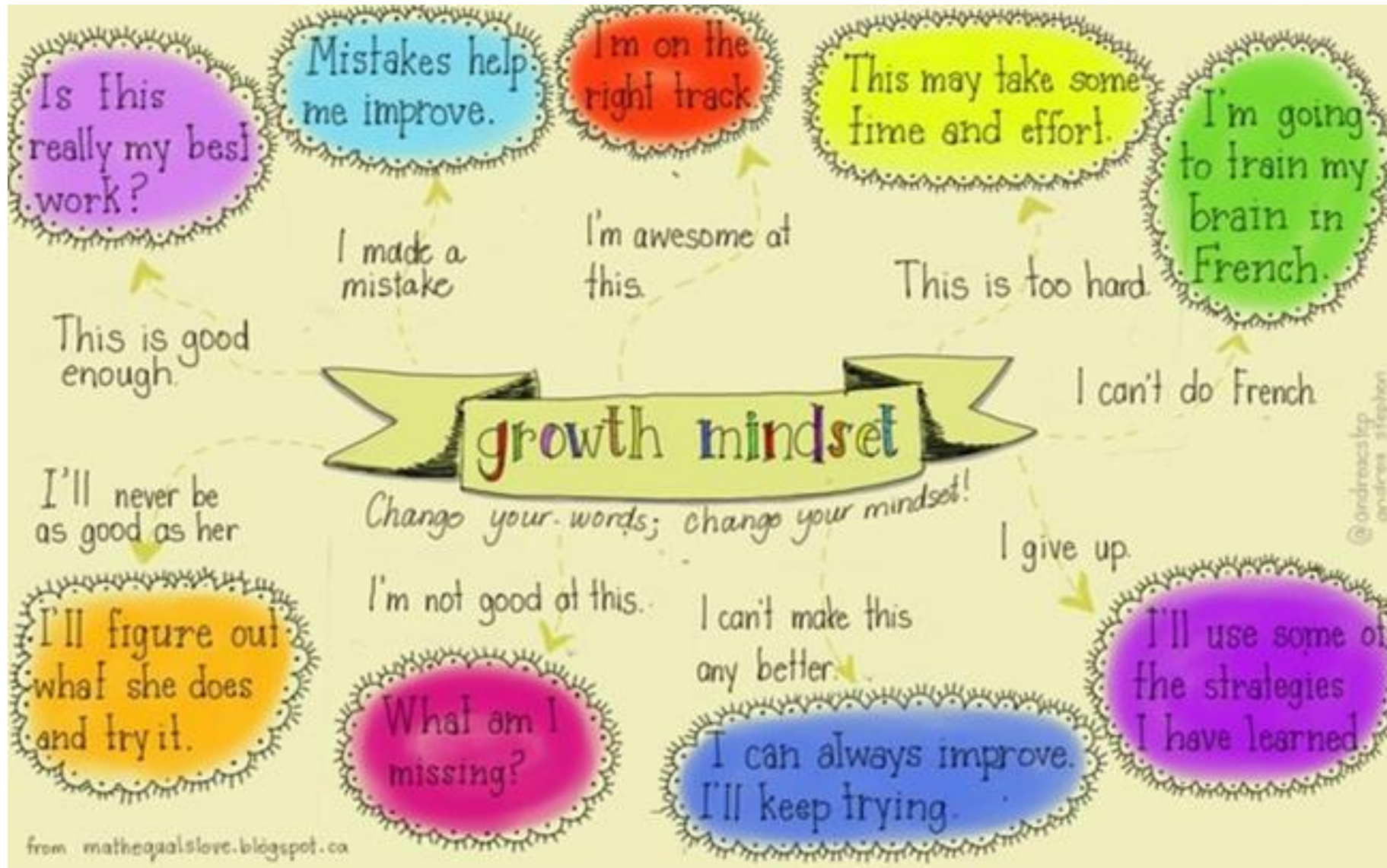
Mindset



Based on the works of:

- Carol Dweck, Ph.D
- Claude M. Steele Ph.D
- James Anderson, Habits of Mind
- Maria Diamond

Culture – The Fixed or Growth Mindset



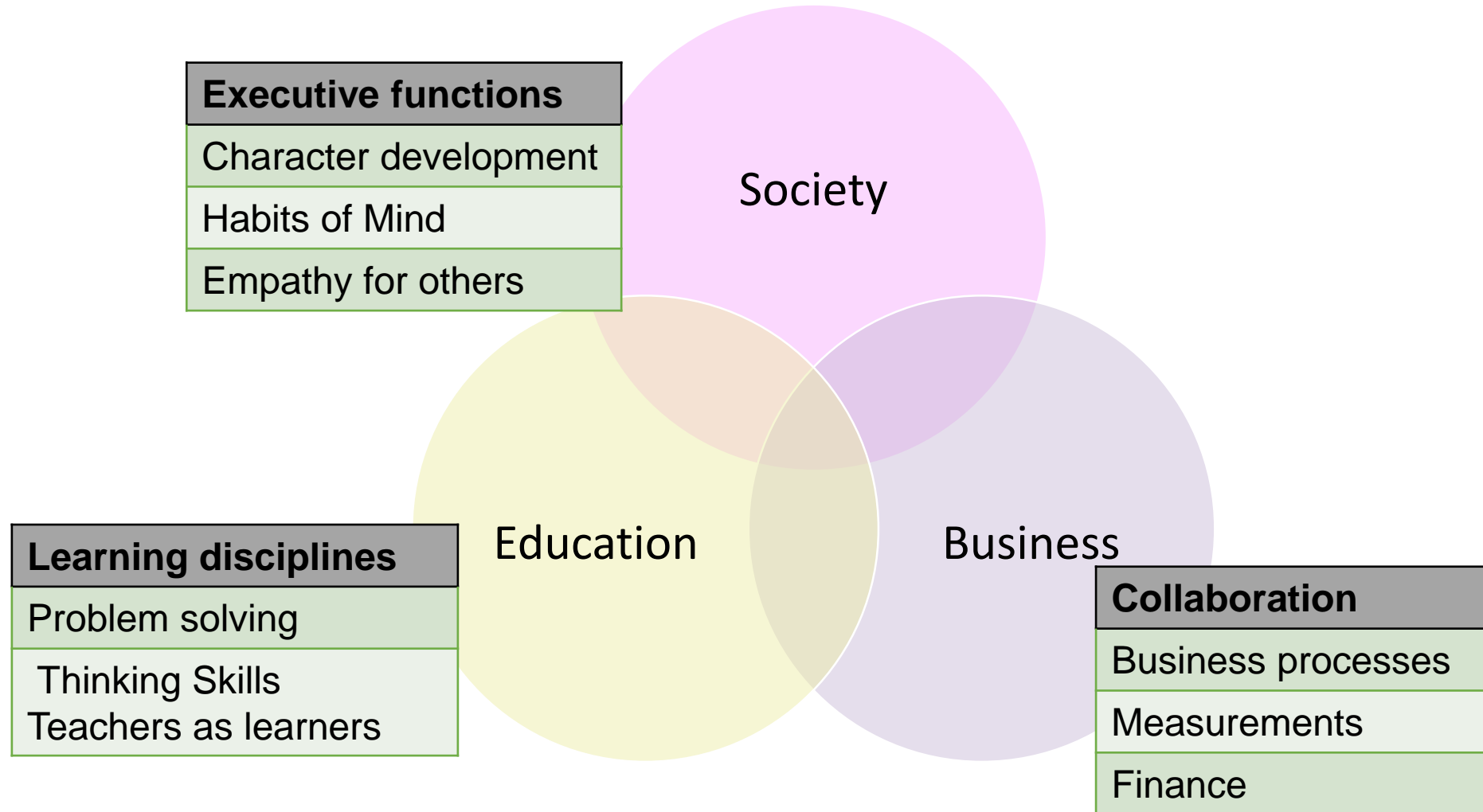
Some questions:

- What does “use it or lose it” mean?
- What are some of the issues in thinking you’re smart or dumb?
- How can we use this concept in our program?

About You:

- What do you want to get out of this class?
- Any specific career or college goals do you have?
- Society Goals?

Life Skills (Holistic Approach)



Our Mission:

- Get students excited about learning (life-long learners).
- Have the reasoning skills to manage in today's society and begin to build a set of skills to use in multiple careers.
- Understand that problems are opportunities. The bigger the problem, the bigger the opportunity.
- Have students better prepared for college or a career.



Learning outcomes

- Work in a team and understand the values and culture within it
- Clearly articulate the nature of the design process & problem solving
- See the “World” as a place of excitement and inspiration
- Use assessment strategy and feedback as learning tools
- Have taken steps for self-control in their dealings with others
- Understand that problems are opportunities in life

What is a project?

a planned piece of work that has a specific purpose (such as to find information or to make something new) and that usually requires a lot of time

- What are our learning targets, goals for the class?
- How do we want to be measured?
- How do we want to be treated in the group?
- What is a team and how do we create it?
 - Rules
 - Roles

What issues do we see in our community

- Discussion
 - What's its culture... Diversity, Values, Norms
 - Education
 - Transportation
 - Housing
 - Work opportunities
 - Social
 - Gov't

What's ours?



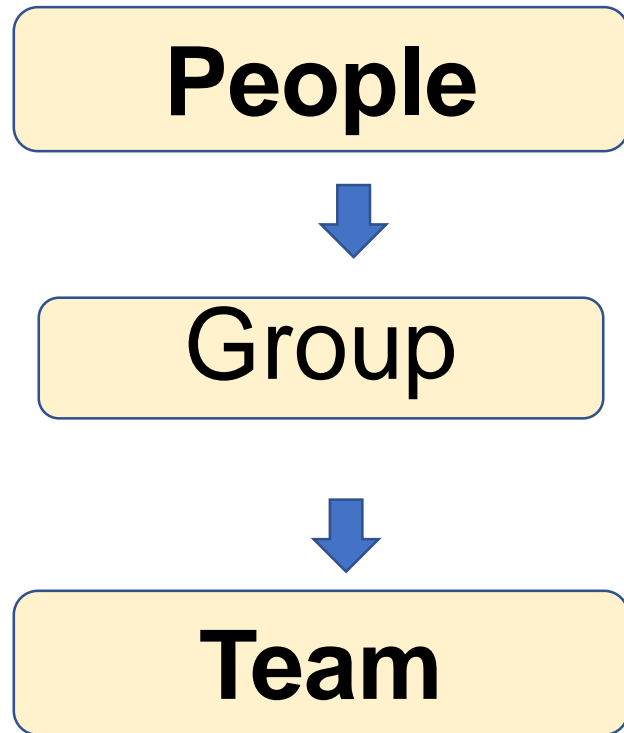
Do Organizations have a Culture?

- Organizational culture is a set of beliefs shared by the people in an organization. It contains the members' values, norms and assumptions. Organizational culture can be considered a system because it has input and output.
- Every organization's culture is different. The organizational culture at a bank, for example, is very different than that of a nonprofit. Some key indicators of an organization's culture are the dress code, furniture, topics of discussion and demeanor.



- Elements of Culture
 - Language
 - Communication
 - Symbol
 - Gesture, sound, color, design
 - Values
 - Goodness and beauty
 - Beliefs
 - Shared ideas
 - Norms
 - Rules and expectations
 - Rituals
 - Rites and Public ceremony

Path of creating a team



Individuals

- Collection of people
- Culture / Values
- **Generally NO roles**

Charter, Roles

Question: How do we make a learning team?

Values

Trust, Evidence, Respect, Empathy, Kindness, Curiosity, Innovation, Persisting, Flexibility, Continuous learning, Commitment, Buy-in, Humor and Taking responsible risk.

What skills have we used today?

- Greeting skills, Eye contact, nonverbal skills

Skills Harvested

Project Formation:

- Creative and Critical thinking
- Questioning
- Reflection

Planning and Scheduling

- Time management
- Financial literacy
- Measurements/ Feedback
- Quality systems

Dealing/ Collaboration

- Self-control
- Flexibility
- Character traits

Problem Solving / Process

- Innovation
- Risk taking
- Entrepreneurship

Team Formation;

- **Values/ Culture / organization**
- **Negotiation**
- **Decision making**
- **Collaboration**
- **Social skills (listening, self-image, non-verbal)**

End

Next Class

- Create a team to work in

Feedback
sheet



Thank You

