

Title: Introducing life skills within the project... Cognitively, slow and repetitive

Overview

Need to think of the details that should accompany the project regarding the life-skill learning.

How are the Life Skills integrated into the project?

Essential Questions

1. How do we insure that the students pick up and embrace the life-skills that are part of the project?
2. What does cognitively and repetitive mean in learning life-skills.
3. Do we just pick a few ones before the project starts?

Students must be cognitively aware of skills they are using

In problem-based learning, beside solving the world problem, “learning along the way” is also a goal of the work. Students must be cognitively aware of skills they are using.

Tasks

How do we re-enforce the learning of these skills?... Writing in a book, creating a poster, team play about the skill?

Prioritize the life-skills into musts and wants, put them in categories (business, society, personal),

Separate skills for Middle school, High school, Older students

Get students to Collaboration on their learning life skills

“well-being can be considered a life skill. If you practice, you can actually get better at it.” By learning and regularly practicing skills that promote positive emotions, you can become a happier and healthier person. **Jane Brody**

Personal/ Social Development:

Ethical decision making	Civic engagement	Planning/ Goal-setting
Self-control	Character traits	Social intelligence
Values /community	Team work	

Problem solving	Financial literacy	Time management
Thinking skills	Character traits	Self-control/ Values
Collaboration & Teams	Continuous improvement/ Quality	Process methods
Measurements/ Feedback	Planning	Risk taking/Stretch goals
Learning from failure	Entrepreneurship	Innovation
Study skills	Decision making	Negotiation
Social intelligence	Team work	Organization culture
Listening Skills	Nonverbal communications	



Skills related to the process:

Elements of Engineering mind-set

Culture:

- Values/ norms/ communities
- Negotiation
- Decision making
- Collaboration
- Excellence

Project Formation:

- Creative and Critical thinking
- System view
- Questioning
- Customer needs
- Financial controls

Planning and Scheduling

- Time management
- Measurements/ Feedback
- Quality systems

Problem Solving / Process


- Innovation
- Risk taking
- Prototyping and iteration
- Entrepreneurship

Public reporting

- Reflection
- Testing idea
- Presenting

Attitude

- Positive
- Flexible
- Doing your best
- Being a leader when necessary

Process	Skills
Ice breaker/ Intro.	Greeting skills, Eye contact, non-verbal skills
Forming the team	Diversity, Values of a culture, Time management Listening skills, Collaboration Character development
Picking the project	Team work, Handling adversity Project planning, Scheduling
Problem solving	Thinking skills. Self-reflection Problem-solving structure Decision making, Sorting
Testing & writing	Feedback, Iterations, Communication (without phones) Elevator pitch,
Public dialogue/ Celebration	 Metacognition, Presentation skills,

All parts of the process

