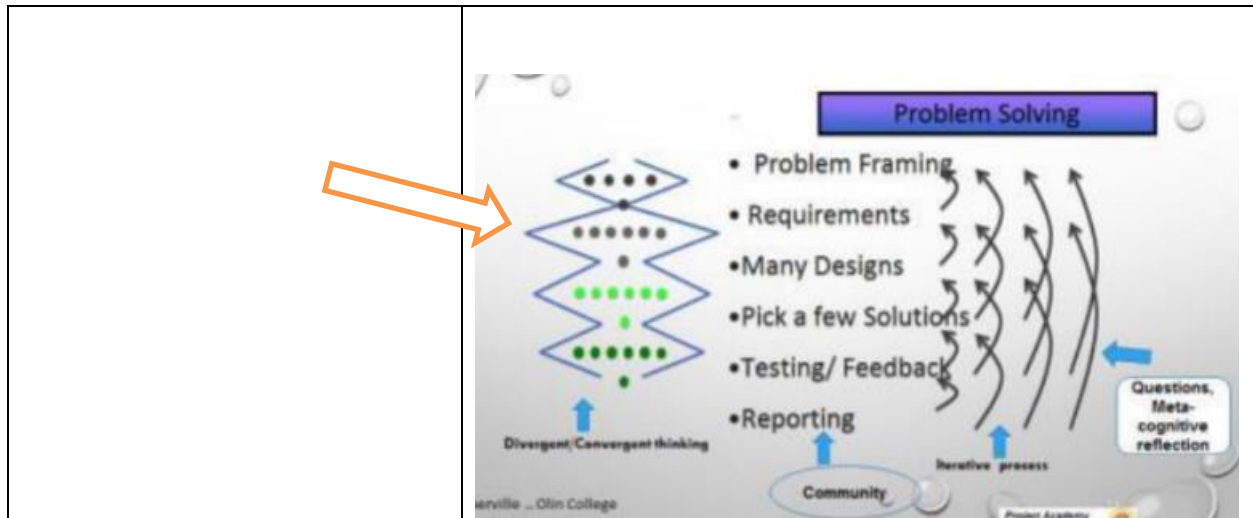


Requirements-worksheet--



Requirements: How are we going to measure if we achieved our design goal?

1. Formalize what the design has to accomplish... Function, interaction, character
2. “The design should...”
Specify the need, not the solution:
 - Good: “provide space for a family of six to eat together”
 - Bad: “include a dining table in the middle of the room.”
3. Provide a list of approx. 4/5 to use in the decision process

Requirements-Criteria for success

Example: Safety, Function, Quickness to implement, Cost
Add Qualifiers (less than, completed in 5 weeks, etc.)





Overview

In doing a project we need to establish criteria on how we will judge our design and how will we measure our work effort. These needs to be discussed during the project and corrects made to improve.

Essential Questions

• What thinking skills do I bring to this process? • What are our learning targets, goals for this project? • How do we want to be measured? • How will I use meta-cognitive skills to improve my learning

Learning Outcomes

Learning outcomes are statements that describe significant and essential learning that learners have achieved, and can reliably demonstrate at the end of a course or program. In other words, learning outcomes identify what the learner will know and be able to do by the end of a course or program.

Tasks

- How are we going to judge our design?
 - Ability to implement within the community
 - Complexity
 - Innovative
 - Ability to measure and manage
 - Cost
- How are we going to measure our work on the project?

Rubrics:

Essential project elements	Measurement scale
<ul style="list-style-type: none"> Key knowledge, understanding Challenging problem Sustained inquiry Public product Authenticity Student voice Use of reflection Critique & Review 	<ul style="list-style-type: none"> No understanding Needs development Includes features

- Quality of our effort? Be the best!
- Communication within the team
- What are our goals?
- Have we written our goals, outcomes and requirements?

