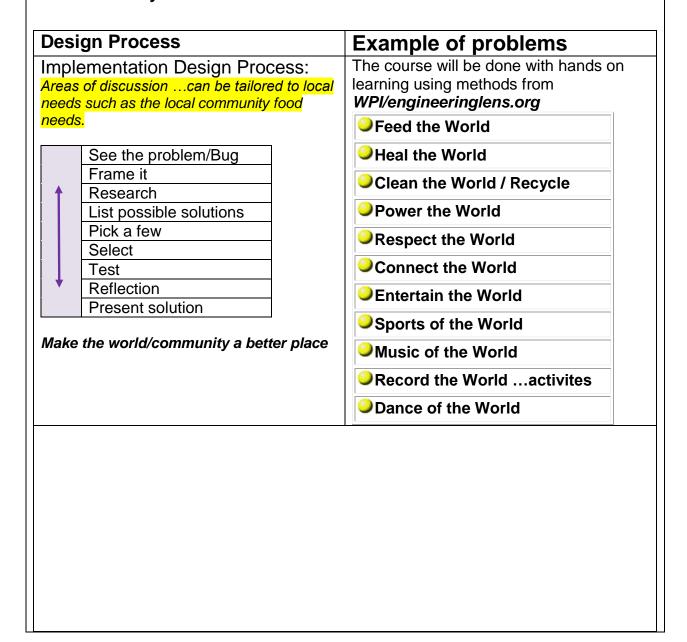
### World Project Example Format

Engineering design and thinking skills provides the glue (engagement, ownership, fun, innovation & collaboration) that connects Mathematics, Language Arts, Science, Social Studies, and Soft-Skills for learning that enhances the school year.



### World Project Example Format

### How are we going to organize ourselves?

## Setting the environment for the students:

- •Imagination
- •Have doubt and wonderment
- •Testing / failure
- •Consultation / collaboration
- Extensions, refinements and elaboration
- •Synthesis
- Thinking skills development (creative, critical, questions and metacognitive reflection)
- Guidelines for working together (TEAM)
- Students are viewed as active authors of their own development

#### What is the Essential Question to work on?

#### What is the problem we are going to solve? Your frame is how you narrow and Frame the problem and write pinpoint what you choose to solve. it down Better framing leads to better solutions. What facts do we know? What are the constraints / requirements? Areas of discussion and inclusion. How do we integrate social skills, emotional skills and thinking skills into this project? What do we need to know more of? What are the Requirements for our design? Finding lots of options Reflection. Creative thinking

# World Project Example Format

Narrowing the choices Shaping  Ordinary Innovative	<ul> <li>Critical thinking</li> <li>How are we going to test our approach?</li> <li>What requirements do we have to</li> </ul>
<ul> <li>Magical</li> <li>How do we know we are successful?</li> <li>Map the best fits</li> <li>Update the possible solution</li> </ul>	<ul> <li>achieve?</li> <li>Develop rubrics and review requirements</li> <li>Decision making</li> <li>Review other approaches, Test and</li> </ul>
Report NEED	reflect  Reflection  Students are bored with the factory model of learning.  Home-schooner's/Drop-out students need an environment for collaborative-interdisciplinary learning.  A growing number of students are finding it difficult to manage the complexities of life relating to the interface of society, schools and business.