Pesticide Spill Scenario Concept Map

I. Problem Definition
- Hydroville Science Journal
- Teamwork Skills
- Welcome to Hydroville
- Background Activities

II. Data Collection
- 3-D model of spill site
- Hydroville Update
- Careers

ENVIRONMENTAL TOXICOLOGIST
Assess risk from pesticide

1. Reading Household Product Labels
2. Toxicity Testing

MECHANICAL ENGINEER
Design an effective pump

3. Pump It Up! *Part I*
4. Pump It Up! *Part II*

III. Data Analysis

Southerville EnviroClean

ANALYTICAL CHEMIST
Determine pesticide contamination

5. Constructing and Analyzing Graphs
6. Using Paper Chromatography

SOIL SCIENTIST
Determine soil permeability

7. Soil Texture
8. Soil Permeability

IV. Data Synthesis
Develop a Remediation Plan

9. Decision Analysis
10. Siting Yoretown's Landfill

V. Solution Presentation