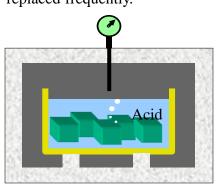
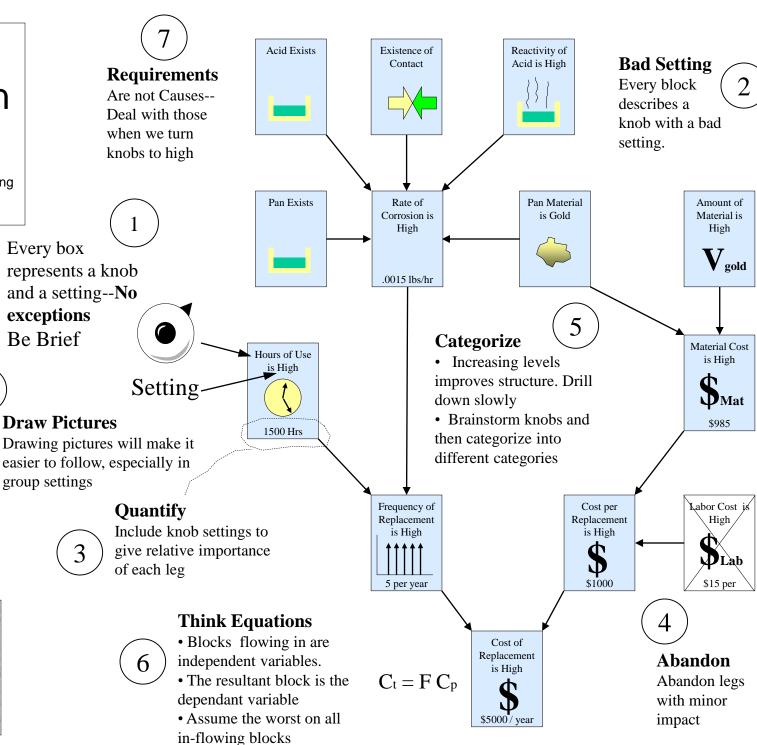
Cause-Effect Chain Rules

Identify knobs and Settings Leading to the Main Disadvantage

8

Cubes are placed in warm acid to investigate the effect of various acids on the cubes.
Unfortunately, the container that holds the acid and cubes is corroded. The container is made from a gold and is very expensive to replace. Because the acid is so reactive and the test is performed often, the pan must be replaced frequently.

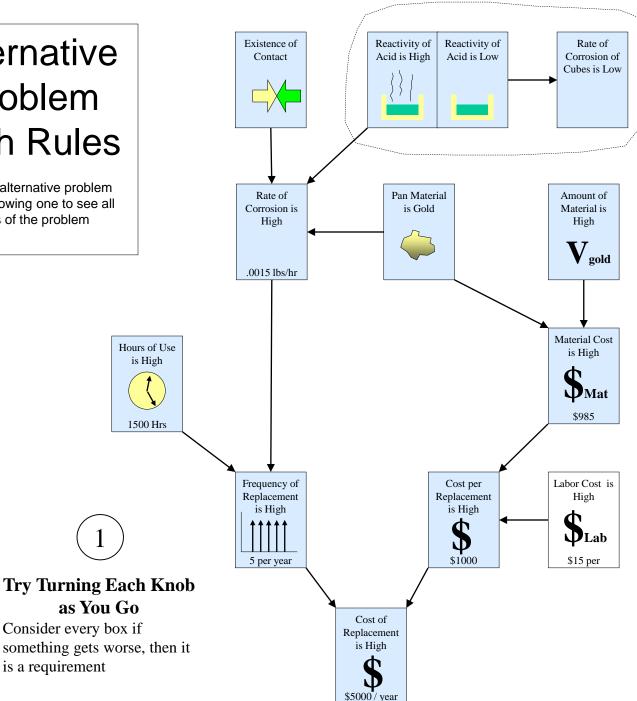




Alternative Problem Path Rules

Develop alternative problem paths, allowing one to see all sides of the problem

is a requirement





Requirements -- Something Else Gets Worse

Some Knobs cause a problem when turned--- Easy to Spot Contradiction



Develop Alternate Problem Paths

---(There may be several)

