

1 Problem

What	Problem(s)	Never should have gone up the hill, spilled water, potential for injury (tumbling down the hill), whipping
When	Date	Once upon a time
	Time	Daytime
Where	Different, unusual, unique	Usual task/chores
	Facility, site	Hill
	Unit, area, equipment	Well
	Task being performed	Fetching water

Impact to the Goals	
Safety	Broken crown, potential for second injury
Environmental	Water spill
Customer Service	No supper
Regulatory	Legal issue with corporal punishment
Production/ Schedule	Supper delayed
Property/ Equipment	None noted, bucket survived
Labor/ Time	Time for medical attention

THE WOEFUL TALE OF JACK & JILL

Cause Map

Jack and Jill went up the hill
To fetch a pail of water.
Jack fell down and broke his crown,
And Jill came tumbling after.

Up Jack got and home did trot,
As fast as he could caper;
And went to bed and bound his head
With vinegar and brown paper.

When Jill came in how she did grin
To see Jack's paper plaster;
Mother vexed did whip her next
For causing Jack's disaster

Cause Mapping is a Root Cause Analysis method that captures basic cause-and-effect relationships supported with evidence.

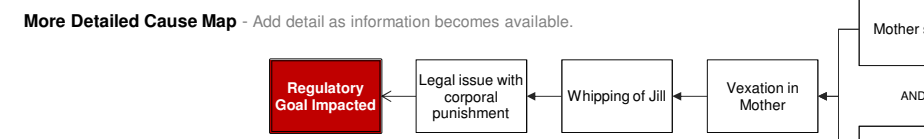
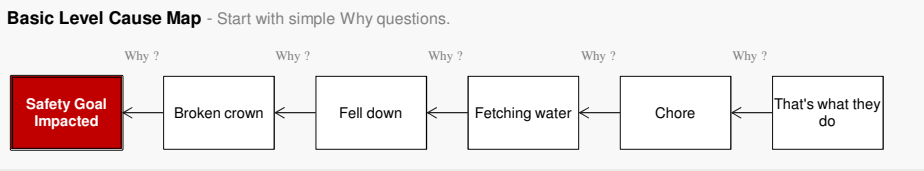
CAUSE MAPPING
Problem Solving • Incident Investigation • Root Cause Analysis

Step 1 Problem What's the Problem?

Step 2 Analysis Why did it happen?

Step 3 Solutions What will be done?

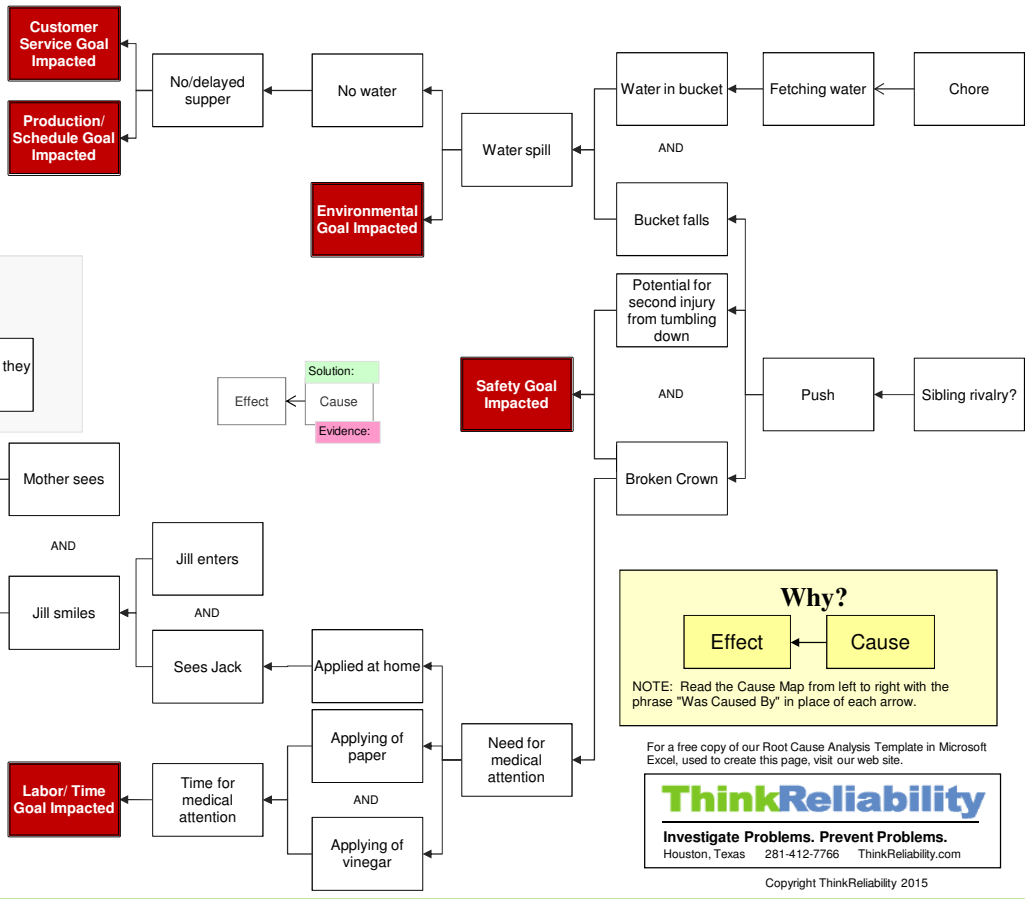
2 Analysis



3 Solutions

Broken crowns are a serious affair. This combined with the potential for other injuries from the fractious "tumbling down" incident leaves us to wonder how the well could be constructed in such a manner. Even without knowing a detailed answer we know that a potential solution would be to get them hooked up an established di-hydrogen oxide system as soon as possible!

These are areas for further exploration. Even with the unanswered questions we are still able to propose several solutions to ensure that child labor laws are not ignored, hills are properly protected, and home remedies are carefully considered.



Why?

Effect ← Cause

NOTE: Read the Cause Map from left to right with the phrase "Was Caused By" in place of each arrow.

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