**Water supply**

I have a well, or a stream close to my farm, but not close enough. I want to water the crops in my farm, or my nursery, but I don’t want to fetch bucket after bucket. What do I do? I buy a pump! Or even better, I build one!

Pumps work by creating a partial vacuum at the desired point so that water (or any other fluid) will flow in response to this pressure difference.

Diagram

Description automatically generated

A picture containing indoor, toy

Description automatically generatedA close-up of a toothbrush

Description automatically generated with low confidence

Want to know more about how pumps work? Then you know what to do. Use the link below for a very entertaining discussion on how pumps work. And pay attention! You will be building one yourself soon.

[**http://www.robinsons1874.com/Honda/pumps/Honda\_pumps\_principles.html**](http://www.robinsons1874.com/Honda/pumps/Honda_pumps_principles.html)