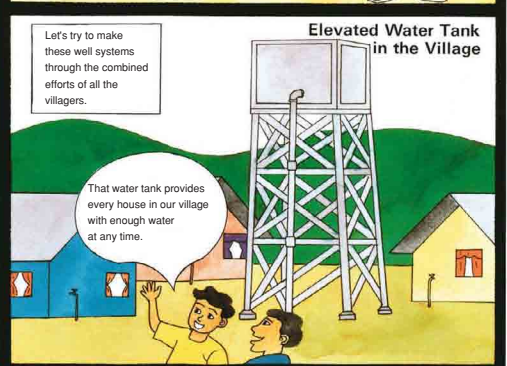
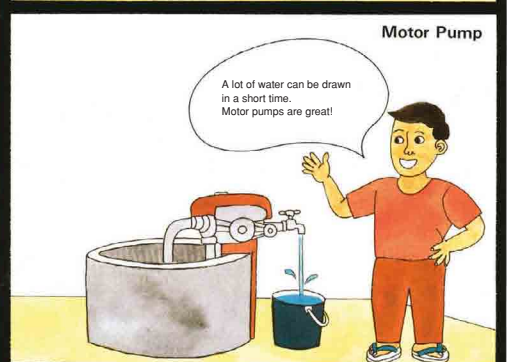
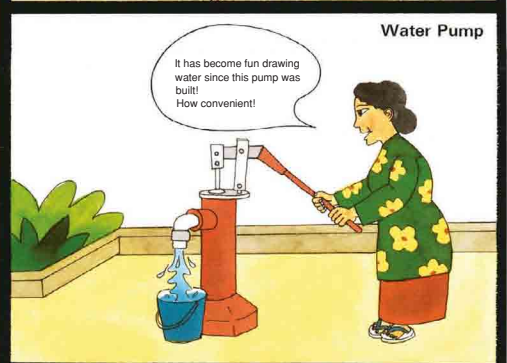
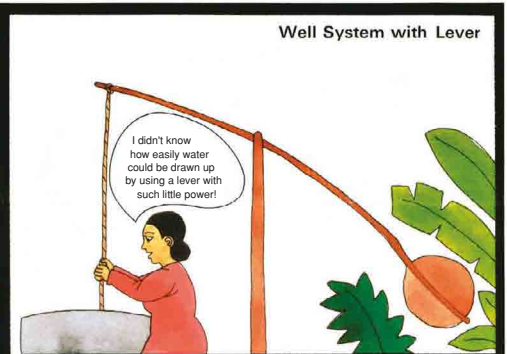
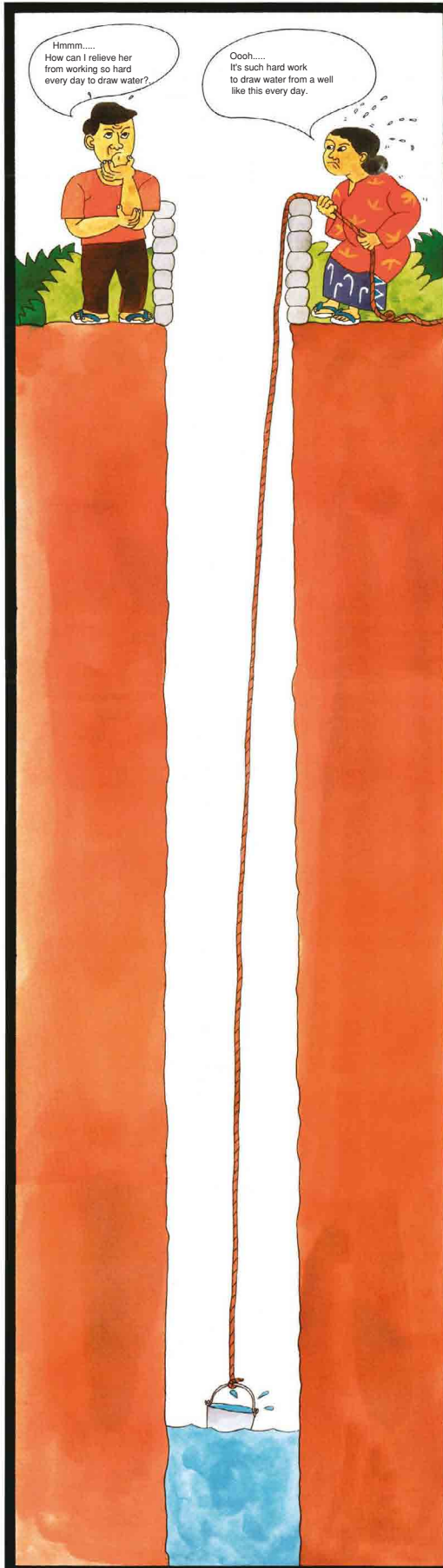


# HOW TO IMPROVE THE WELL SYSTEM

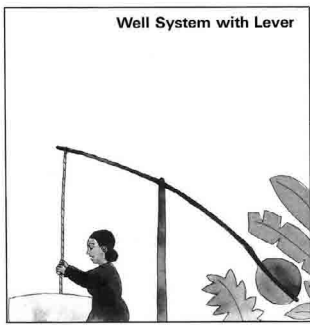
Is there any way to help her?

Here are some answers.



# Simple Scientific Mechanisms and Application of the Well Systems

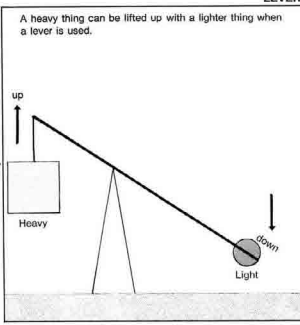
## Convenient Types of Well



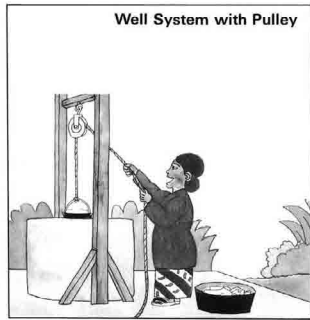
Well System with Lever

## Mechanisms of the Well Systems

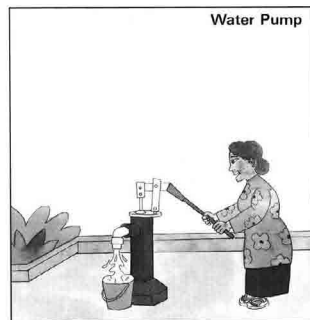
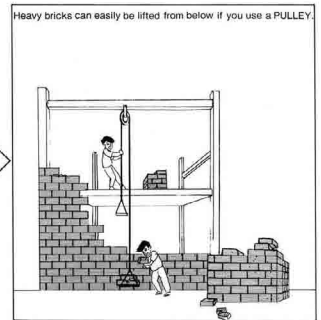
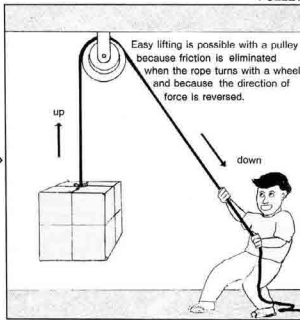
### LEVER



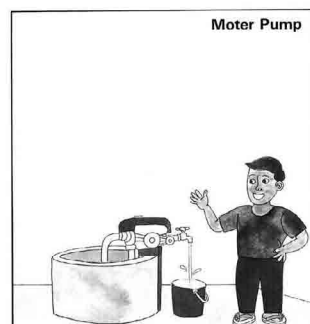
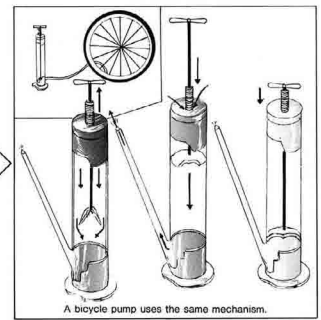
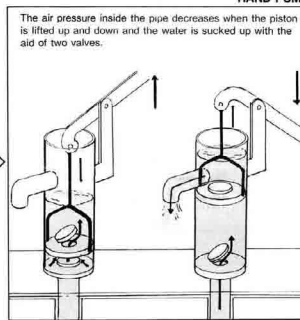
## Examples of Application



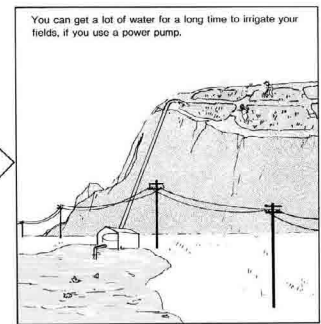
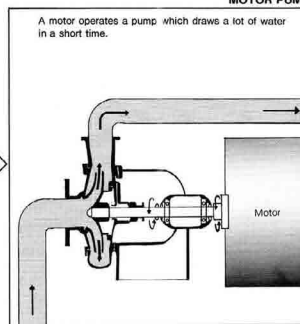
Well System with Pulley



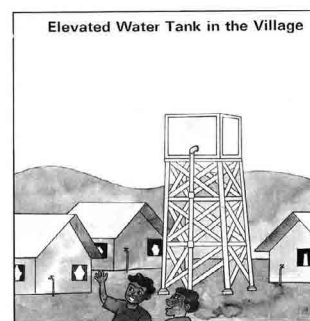
Water Pump



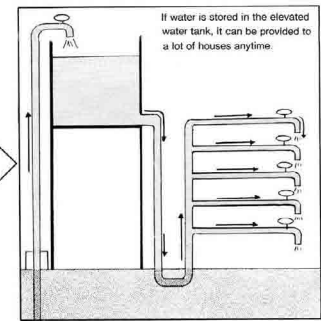
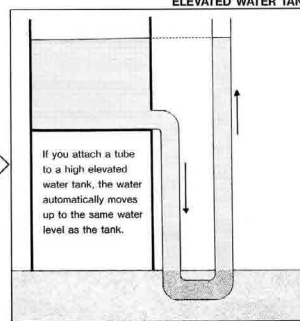
Motor Pump



※Hand pumps and motor pumps do not pump up the water if the water level is more than 10m below the pump.



Elevated Water Tank in the Village



### Guide for Utilization

#### Objectives:

- 1.To motivate learners to improve the well system.
- 2.To help learners to understand simple scientific mechanisms in the well system and to apply them to other situations in daily life.

#### Applications:

- 1.First fold the poster and show learners "?" side of the poster, and draw suggestions from the learners on how to improve the well in the picture.

(Front)

- 2.Second, open the poster, show learners whole picture and ask them to explain the improved well systems mentioned on the right side of the poster one by one.

(Front)

#### Target:

Middle and Self-learning Level Neo-Literates

- 3.Third, show learners the back of the poster and give them an explanation of the scientific mechanism working in each well system and its application to circumstances of daily life.

(Back)

Illustrated by Zahuddin bin Jami(Malaysia) for the front and Kazumi Tsujimura(Japan) for the back

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6 Fukurokachi, Shinjuku-ku, Tokyo 162-8484 Japan  
e-mail: education@accu.or.jp  
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