

## Activity Guide: Tikho & Daniel Make Waves

### Overview



In this lesson, students act out a play that demonstrates that negative consequences of contaminated water. In this play, sick villagers seek out help from Tikho (pronounced “Teek – oh”) and Daniel, who expertly fight disease through hygiene and water filtration.

### Background Knowledge



Students should have experienced *Tikho’s Story* Lesson Plan and have some experience with drama, such as role-playing and voice projection.

**Grade Level:** 3-6

**Subject Area:** Drama, Language Arts, Social Studies or Science

**Key Words:** contamination, water, biosand filter

## Lesson Plan 1: Tikho & Daniel Make Waves

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### Learning Expectations



Students will be able to:

- Dramatize how hygiene and filtration practices can improve the health of communities.
  - Memorize assigned lines and perform them with appropriate action.
  - Work collectively with classmates to tell a story.
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### Materials



- Props:
    - 2 garbage cans
  - Computer with speakers for sound effects:
    - Slow Zambian or other African music
    - Security alarm
  - Costumes:
    - Contaminated Water: wear garbage bags and rags over clothes
    - Tikho & Daniel: wear same coloured t-shirt
    - Villagers: all wear blue
    - Cow: wear all brown with a bell around neck
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### Preparation



- Read through ***Tikho & Daniel Make Waves*** script.
  - Assign students roles in the play.
  - Search for required sound effects on the computer and set computer to speakers.
  - Gather costume materials and organize them according to character.
  - Photocopy a script for every student in the class.
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### Introduction



1. Hand out the scripts to each student in the class. Teacher asks students to read along as together they read through the story. Teacher will dramatically read all the lines in the script to give students a glimpse of the story they will be enacting. [Note to teacher: perform the reading in an exaggerated tone so that students will adopt a level of passion when they perform the script later in the lesson].
  2. Provide each student with their assigned role.
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### Main Activity 1: Read-through



1. Ask each student to quietly read through their lines and highlight their speaking lines in green, and their movements in blue.
2. Using dramatic voices, read through the entire script with each student reading their assigned lines. [Teacher offer feedback on how lines should be said, words that could be emphasized.]

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### Main Activity 2: Walk-through



1. Assign the Villagers, Tikho & Daniel, Contaminated Water & the Cow a starting position.
2. From the starting positions, walk through all of the actions that will occur before, during and after each line. Ensure that assigned characters speak their lines as they learn their actions. If needed ask them to write down their actions on their script.

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### Main Activity 3: From the Top



1. Repeat the play repeatedly. Each time the teacher can give feedback on the students' performances. Teacher should feel free to interrupt with suggestions and comments.
2. Hand out the costumes and explain that they are going to complete a dress rehearsal of the play. Encourage them to try to complete the play without their script.

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### Extension



Practice without script and perform for another class or for school.

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### Resources & Handouts



- Tikho & Daniel Make Waves*** script

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### References

Thanks to Trickster Theatre and Haysboro School in Calgary for the inspiration for this lesson.

## SCRIPT

### Tikho & Daniel Make Waves!

#### Props

1. 2 Garbage Cans

#### Sound

1. Slow Zambian or other African music
2. Security alarm

#### Costumes

1. Contaminated Water: Wear garbage bags and rags over clothes
2. Tikho & Daniel: Wear same coloured t-shirt
3. Villagers: All wear blue
4. Cow: Wear all brown with a bell around neck

#### **STAGE**

VILLAGERS are in a line at the back of the stage. About 5 paces in front of them are two garbage pails about 2 – 3 feet from each other. Inside one of the pails, CONTAMINATED WATER is hiding and waiting.

One at a time four different VILLAGERS run up past the pails shout their line to the audience.

VILLAGER 1

We all need water to survive!

VILLAGER 2

More than half of the Earth is water!

VILLAGER 3

Some people in Zambia only use 20 litres of water a day!

VILLAGER 4

Half of the people on the planet don't have clean water!

#### **STAGE**

Cue slow African music. Narrator begins. Villagers start to walk slowly with hands over their heads (as if they are carrying a bucket of water). Villagers walk between the pails and wrap around back as the narrator speaks.

NARRATOR

Welcome to Zambia, a country where the efforts and hard work of communities have seen the arrival of safe, clean drinking water. However this wasn't always the case.

CONTAMINATED WATER

(CONTAMINATED WATER pops up from garbage pail.)

That's right, I'm dirty water and I'm going to take over the world! Mwaa, ha, ha!

(CONTAMINATED WATER goes back into hiding.)

NARRATOR

Yes...right. Here we see Zambian villagers walking sometimes hours every day to collect water from their only fresh source of drinking water.

ALL VILLAGERS

Are we there yet?

(ALL VILLAGERS walk around pails pretending to carry water on head.)

NARRATOR

No.

ALL VILLAGERS

Oh... Are we there yet?

(ALL VILLAGERS walk around pails pretending to carry water on head.)

NARRATOR

No.

ALL VILLAGERS

Oh... Are we there yet? This is taking forever!

(ALL VILLAGERS walk around pails pretending to carry water on head.)

VILLAGER 5

Hey, look! A well!

(VILLAGER 5 points to one of the garbage pails. ALL VILLAGERS rush over to fill their pretend buckets.)

NARRATOR

One of the problems with drinking water in Zambia is much of it is contaminated.

VILLAGER 6

(VILLAGER 6 bends over and holds stomach.)  
I don't feel so good.

(All VILLAGERS collapse onto the floor.)



CONTAMINATED WATER

(CONTAMINATED WATER pops up  
from hiding.)

That's right it's me, dirty water, and you  
have all been contaminated! Mwaa, ha,  
ha!

(CONTAMINATED WATER goes back  
into hiding.)

VILLAGER 7

(VILLAGER 7 sits up from the floor.)

Oh no, what are we going to do? The well is dirty!

VILLAGER 8

(VILLAGER 8 sits up from the floor.)

We are all sick!

VILLAGER 7

We won't be able to work or go to school!

VILLAGER 8

I feel awful!

VILLAGER 9

There must be something we can do!

VILLAGER 10

(VILLAGER 10 stands up.)

Let's ask Tikho and her brother Daniel!

VILLAGER 9

(Everyone stands up and forms a line at the back of the stage.)

Great idea! They have been learning how to clean water. Maybe they can teach  
us!

TIKHO & DANIEL

(TIKHO and DANIEL enter stage.)

We sure can!

DANIEL

We can teach you how to clean the water so you won't get sick anymore.

VILLAGER 1

Great! How?

NARRATOR

So Tikho and Daniel explained why bathing, (VILLAGER 1 goes to well and pretends to bathe then returns to the line), cleaning dirty clothes (VILLAGER 2 goes to well and pretends to clean then returns to the line), or letting the animals go to the bathroom (VILLAGER 3 goes to well with a COW then returns to the line) contaminates the water they use for drinking.

COW

Moo!

VILLAGER 2

What's happening to me?

CONTAMINATED WATER

That's right! I'm spreading disease and there nothing you can do to stop me!

TIKHO

Oh, really?

(TIKHO tips over the garbage pail with CONTAMINATED WATER, who clumsily falls out on the ground.)

Get out of here!

(TIKHO pretends to kick CONTAMINATED WATER as he/she leaves the stage.)

CONTAMINATED WATER

Nooooo!

NARRATOR

The next step was to show the villagers how to clean their water using a household device called a biosand filter. This simple technology traps bad

bacteria and particles by filtering them through sand and gravel. Think of it as security at the airport - not everyone gets through.

### STAGE

As the narrator is speaking, VILLAGERS pass between the two garbage pails to imitate water going through a biosand filter. CONTAMINATED WATER comes last. As he is about to go through the two pails, sound an alarm or buzzer. TIKHO and DANIEL grab CONTAMINATED WATER and put his hands behind his/her back, as if he is being hand-cuffed by police.

CONTAMINATED WATER

Hey, you can't stop me!

TIKHO

Right this way sir. You won't be contaminating water anymore drinking water today.



(DANIEL puts garbage pail over CONTAMINATED WATER's head and escorts him off the stage.)

CONTAMINATED WATER

(CONTAMINATED WATER Shuffles off stage, yelling.)  
Hey! I have rights! Can't we talk about this?

NARRATOR

Cleaning the water was only one of many ways that these smart villagers began to help their community. They also learned about hygiene and sanitation and spread the word to help others in Zambia.

EVERYONE

(All kids shout these lines as they stomp slowly toward the audience, stepping on the words in bold below.)

**Wait!**

That's only **one** village, in **one** country, in **one** part of the world!  
So, what are **you** going to do?

(Everyone points to the audience.)