

THE JOURNEY

BUILD YOUR OWN PIPED SYSTEM

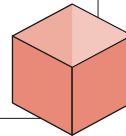
In **Episode 2**, Tyler shows you how our local partner, Water For People, uses a piped system to bring clean water to the Rulindo District. With a few items in your home, you can recreate your own piped system.

HERE'S WHAT YOU'LL NEED

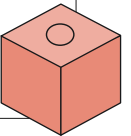
- A cardboard box
- Toilet paper rolls
- Duct tape
- A handful of uncooked rice or pasta
- A small bowl
- Scissors, and an adult to help!

SET UP YOUR PIPED SYSTEM

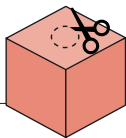
1 Use scissors to remove the top of the cardboard box. **This is your holding tank to collect all the rain water.**



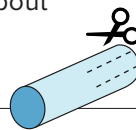
2 Draw a circle on the bottom of the box by tracing one of the toilet paper rolls.



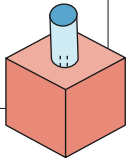
3 Cut out the circle at the bottom of the box.



4 Take a toilet paper roll and make one inch cuts around the top until you have about 6-8 cuts.

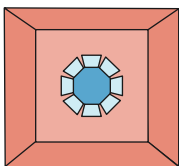


5 Flip your cardboard box so that the side with the hole is on top. Place the cut side of the toilet paper roll through the hole.



6 On the inside of the cardboard box, bend and tape down each piece of the cut toilet paper roll so that they lay flat. Make sure to not cover the opening.

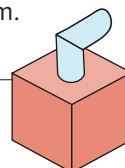
You've just attached your pipe to the holding tank.



7 Optional: There are two ways to add more pipes to your piped system.

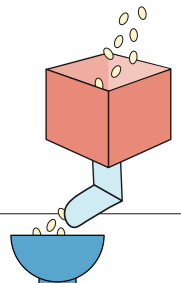
To make one long pipe, you can simply attach another toilet paper roll to the existing roll.

To make a pipe with right angles, cut a triangle at the top of the existing roll and at the top of a new roll. Attach the two so that they make a right angle in the piped system.



8 To demonstrate how water flows from a holding tank to a tap stand, place a bowl under the last pipe you attached. While holding the cardboard box up, pour the uncooked rice or pasta in and listen as it flows all the way down your piped system to the bowl at the end.

You've just created your very own piped system!



Take a picture and share it with us! Use **#charitywaterkids** and tag **@charitywater** on Facebook, Twitter, or Instagram.