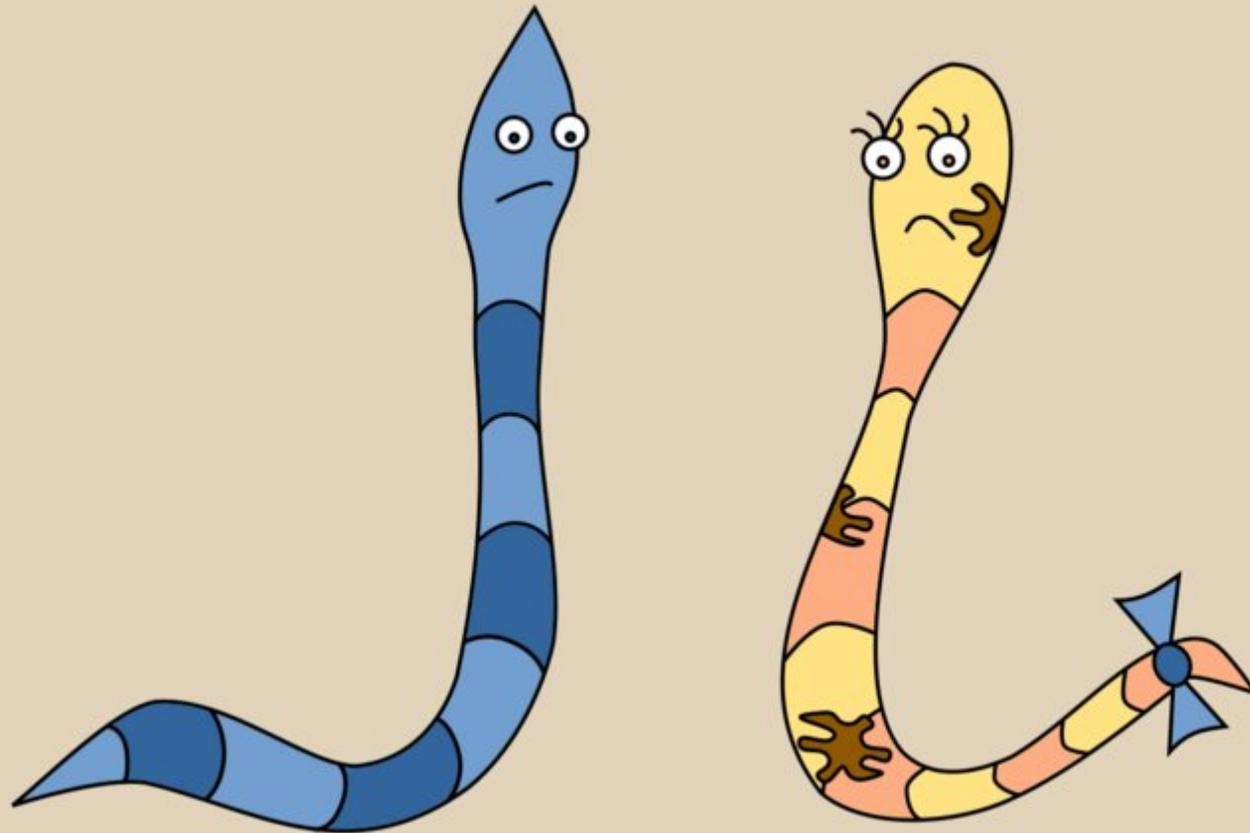


Mr Earthworm Wants a Bath - Early STEM

Author: Danielle Bruckert

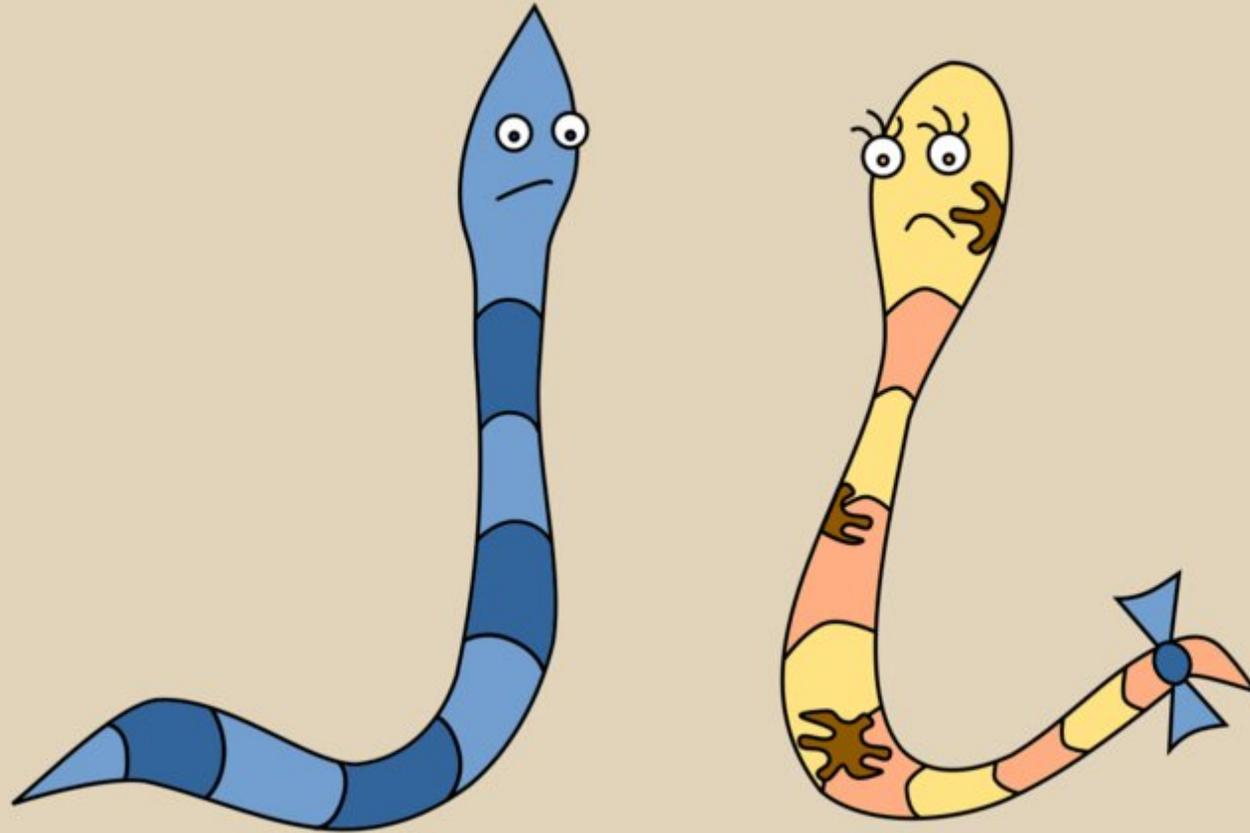
Illustrators: Cyrille Largillier, Danielle Bruckert, Ruchi Shah, Students of Himalayan Public School

Level 3

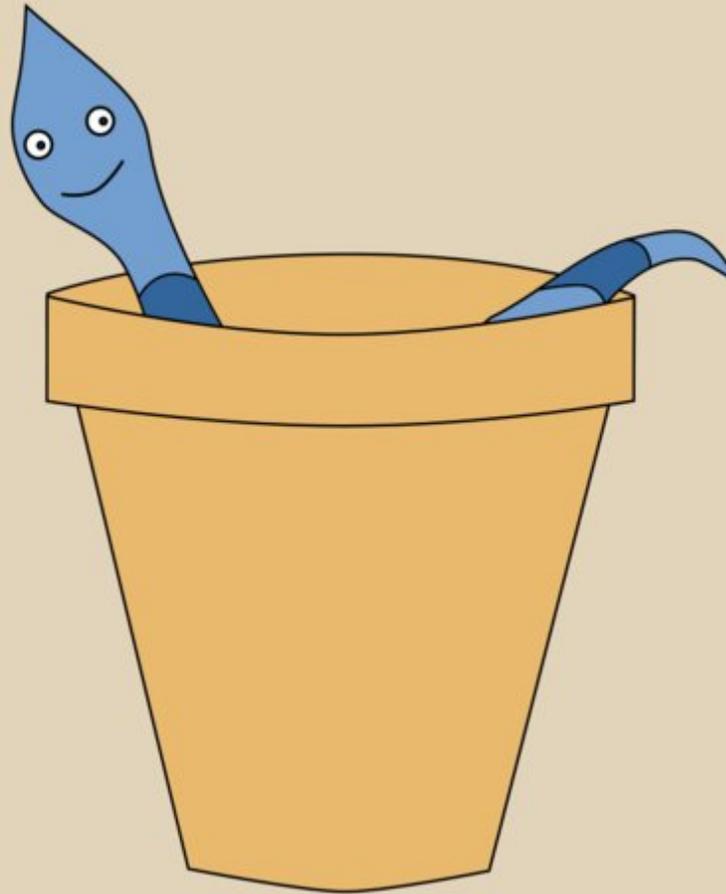


Mr Earthworm is very angry.

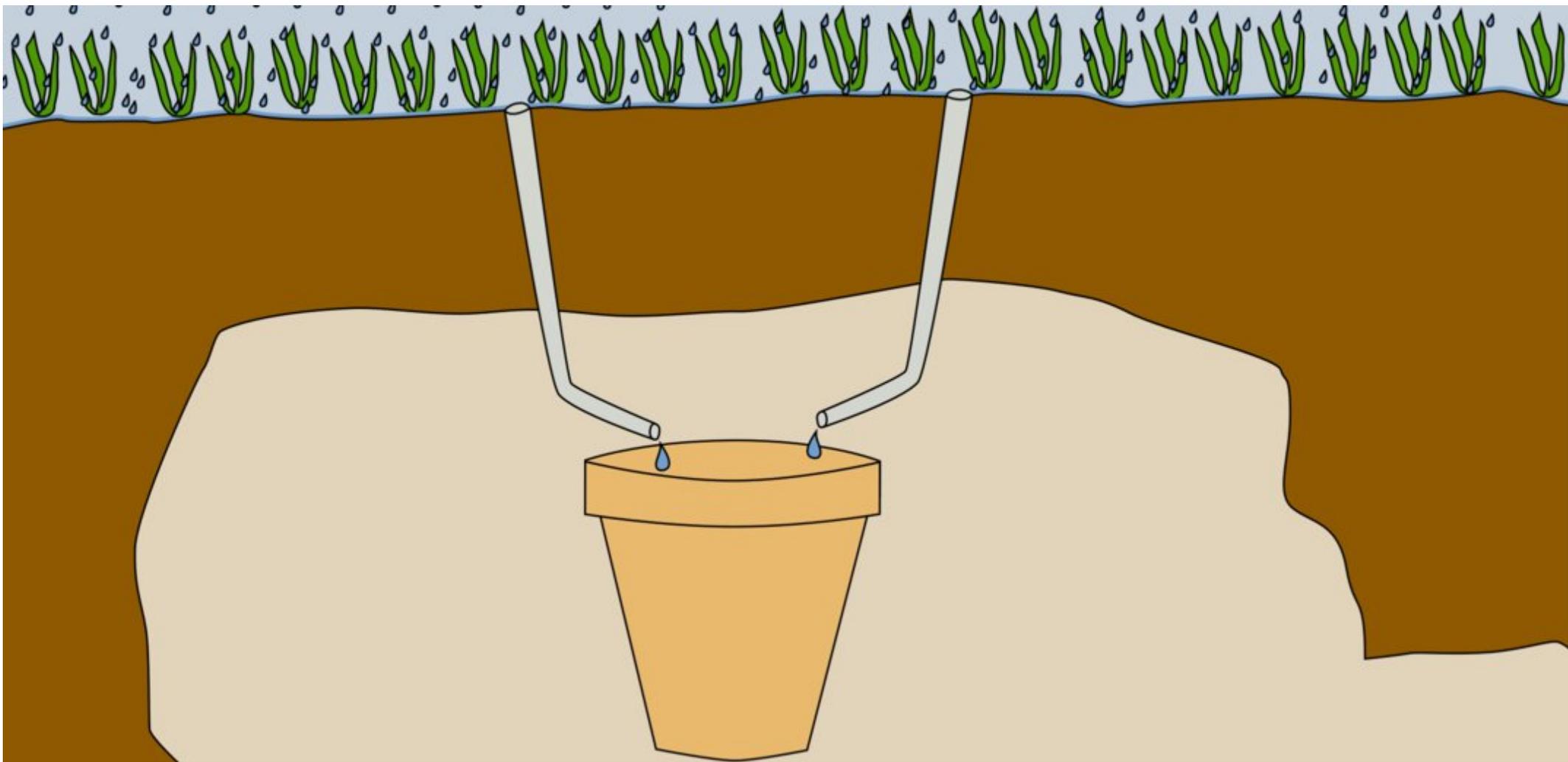
He likes looking pretty, and is fed up of being covered in mud and never being able to have a proper bath.



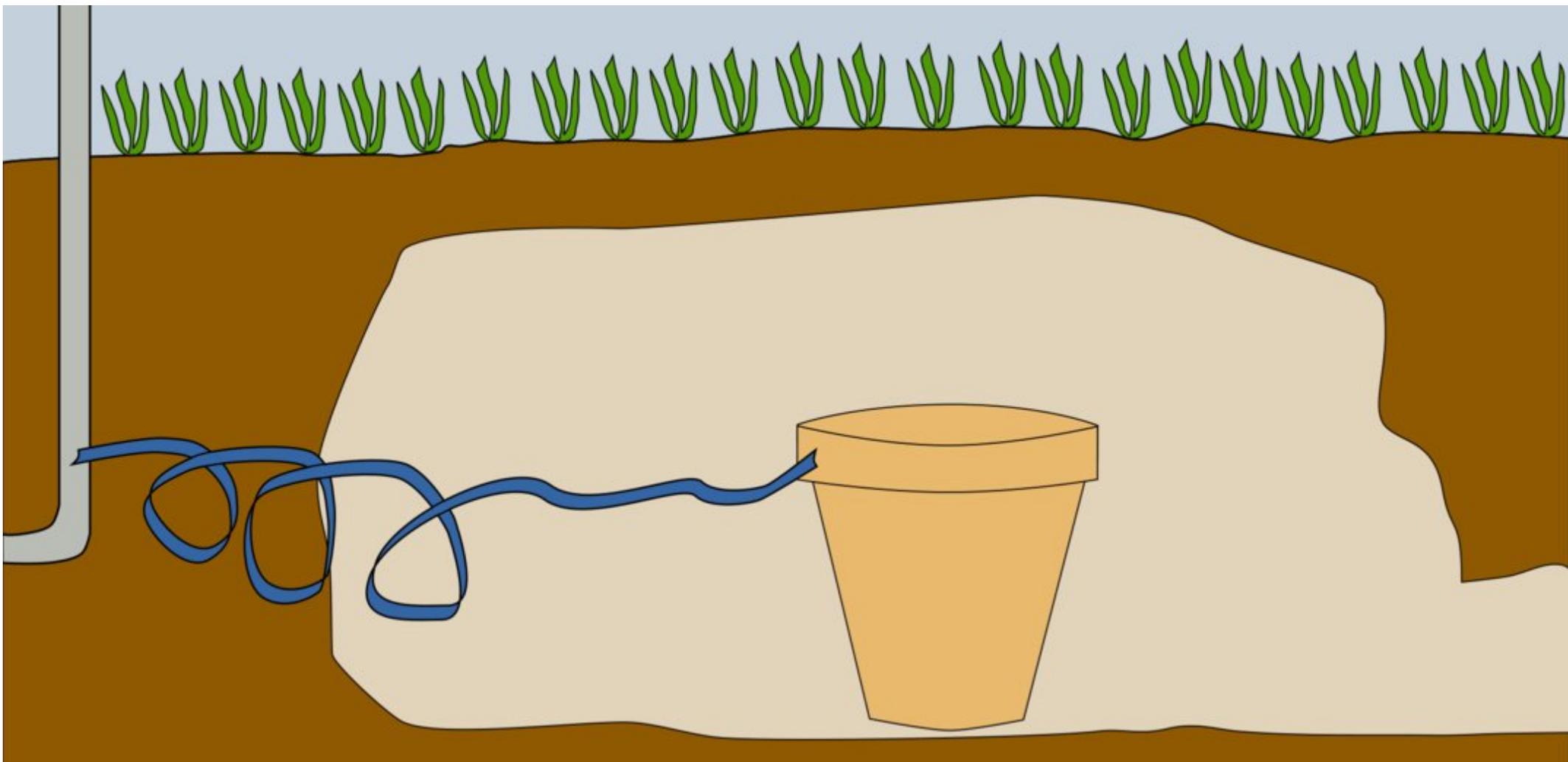
So he asks his wife, who is very handy with tools,
to install a bathtub with running water.



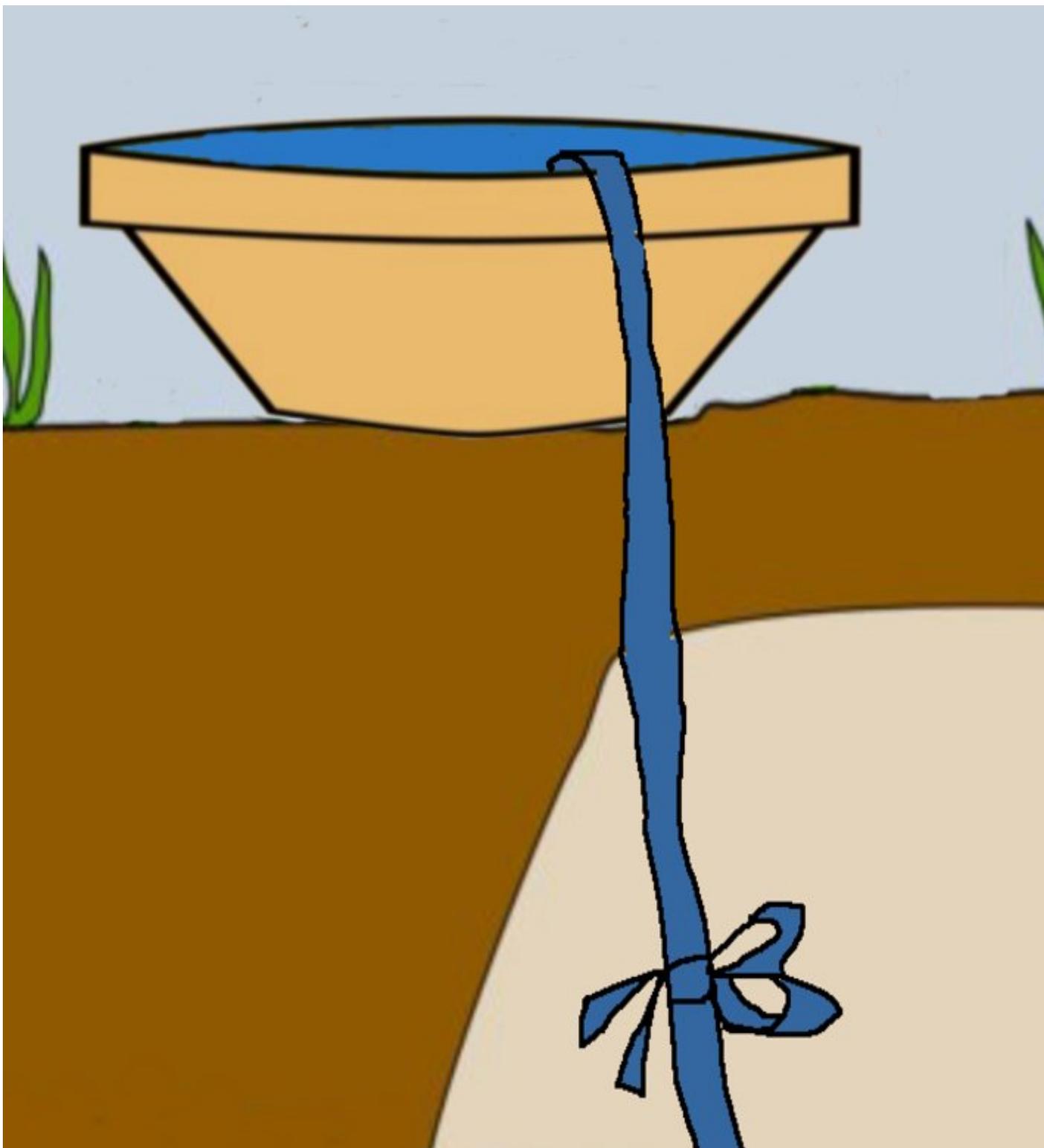
The bathtub is easy to make. First Mrs Earthworm finds an old flower pot lying in the kitchen garden. She patches up the few holes and some gaps.
And it's done!



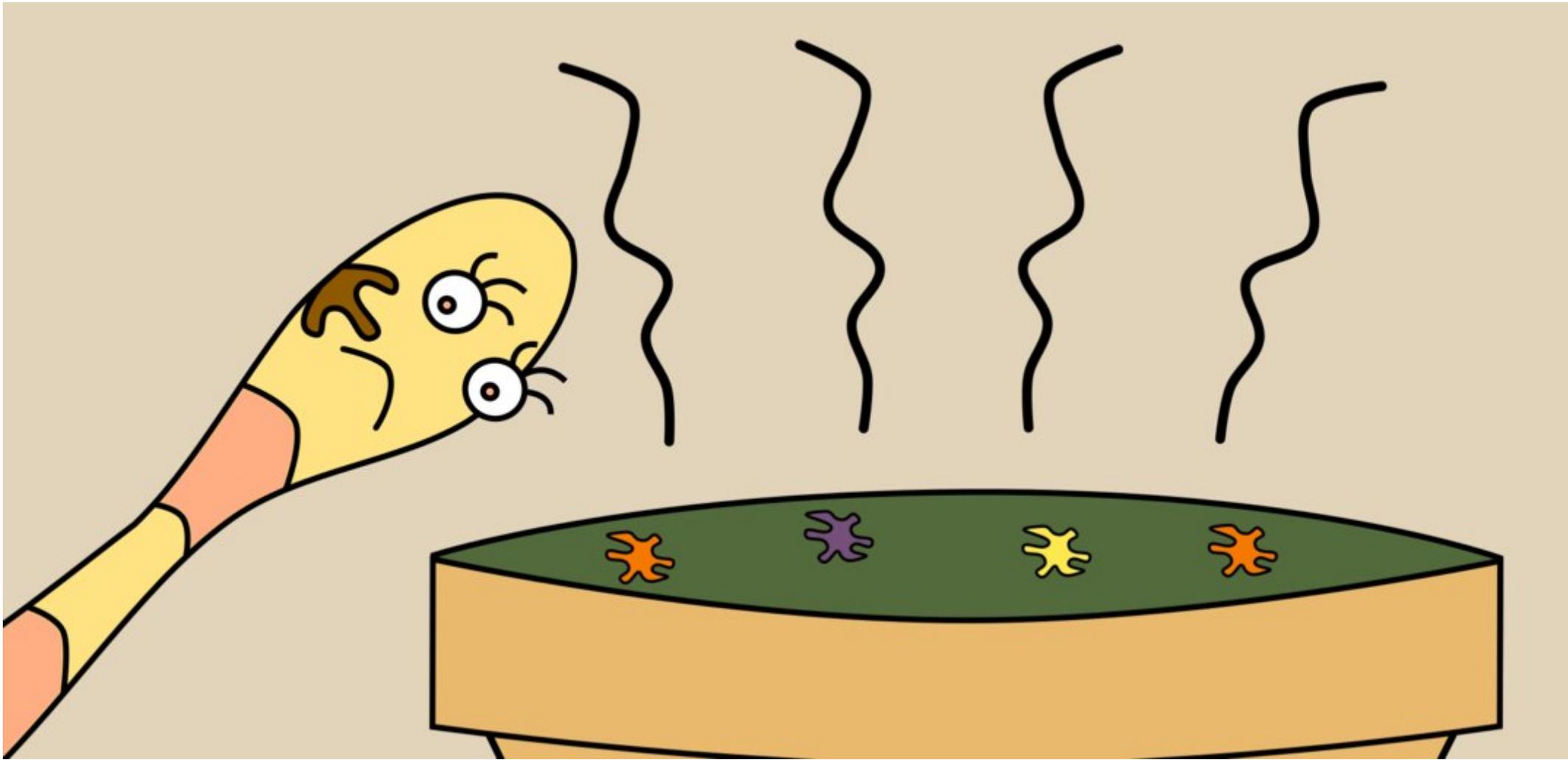
The installation of running water at their home was quite another thing. The first attempt was with straws connected to the surface. But the flow was too weak and during heavy rains the mud rose obstructing the mouth of the pipes.



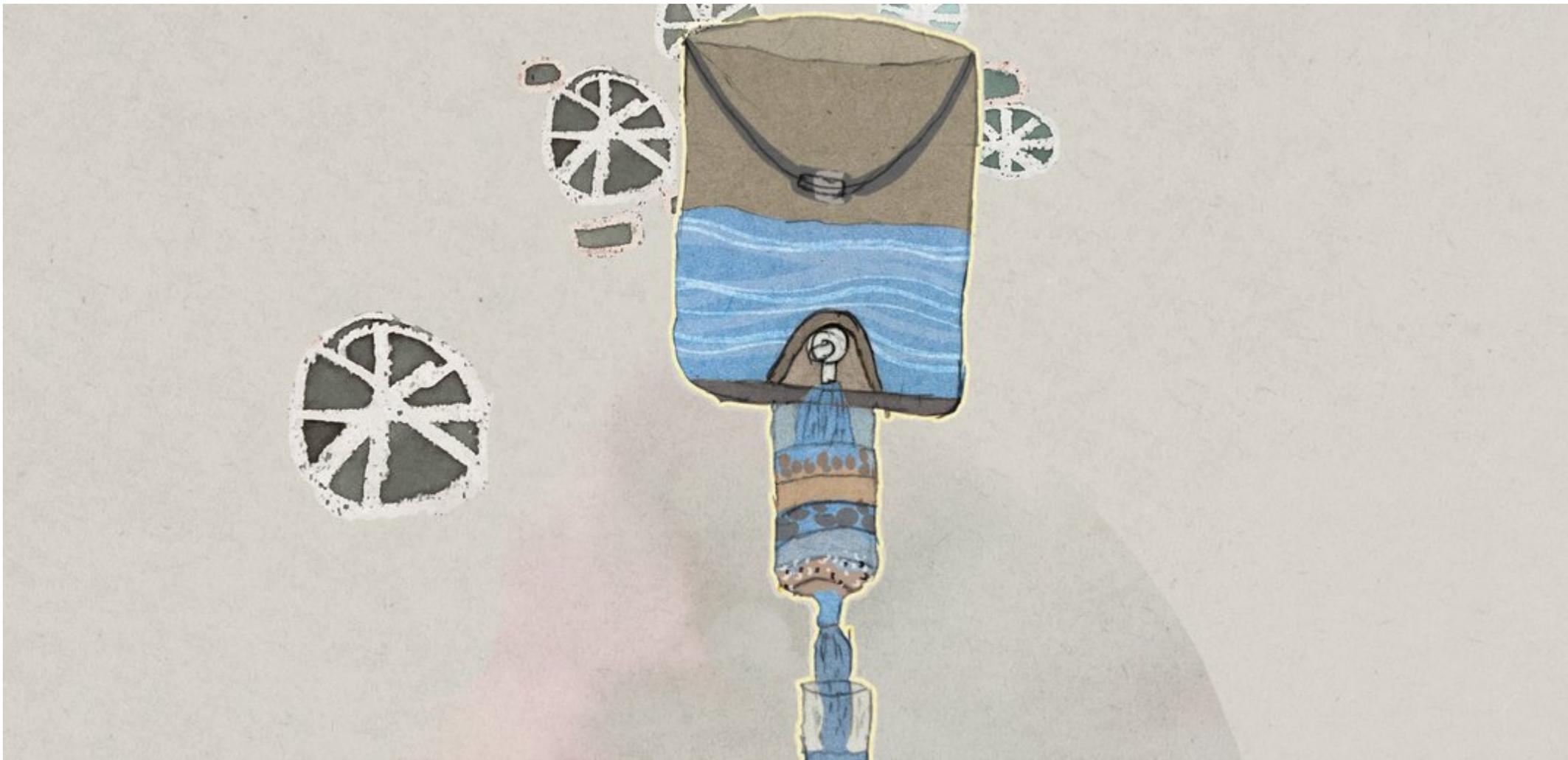
She improved the device by connecting a garden hose directly onto a drainpipe. However, the flow was not quite satisfactory.



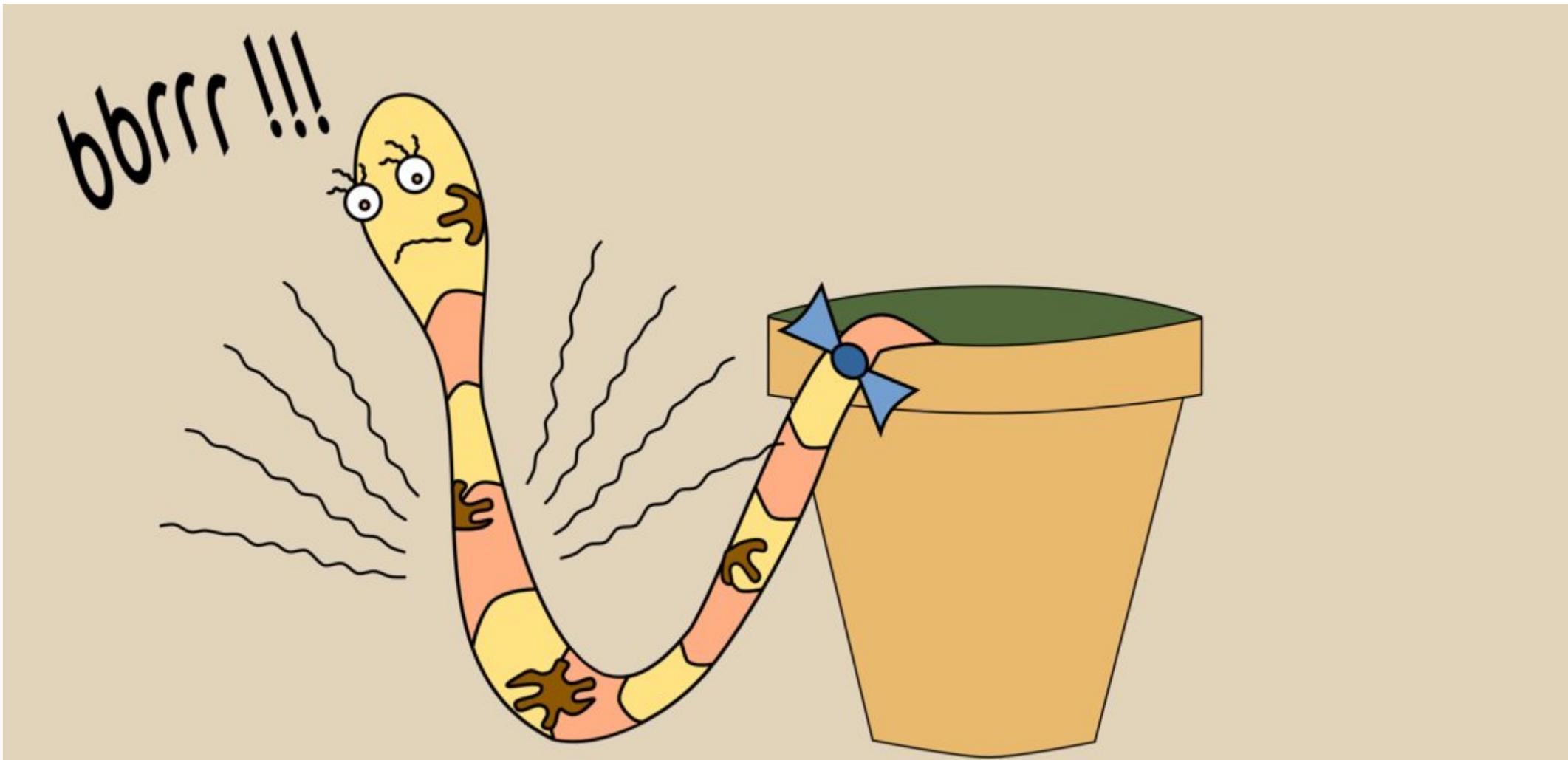
Mrs Earthworm thought hard. Then she found another bowl to collect the water. She made a knot to act as a tap. Now the water supply was perfect.



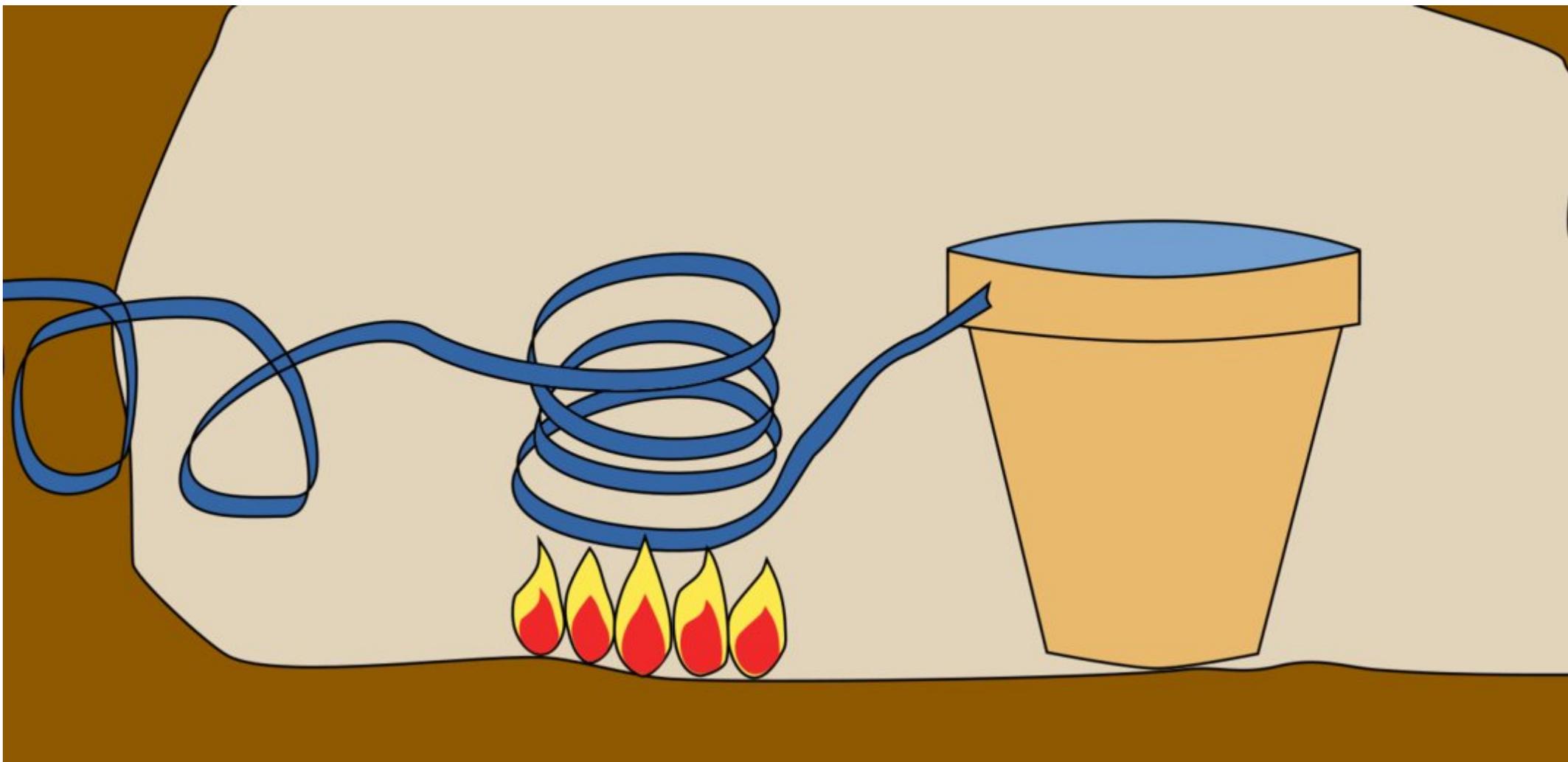
The next problem was that this water was not suitable for Mr Earthworm. It had too much residue, is not clear enough, and it does not smell good.



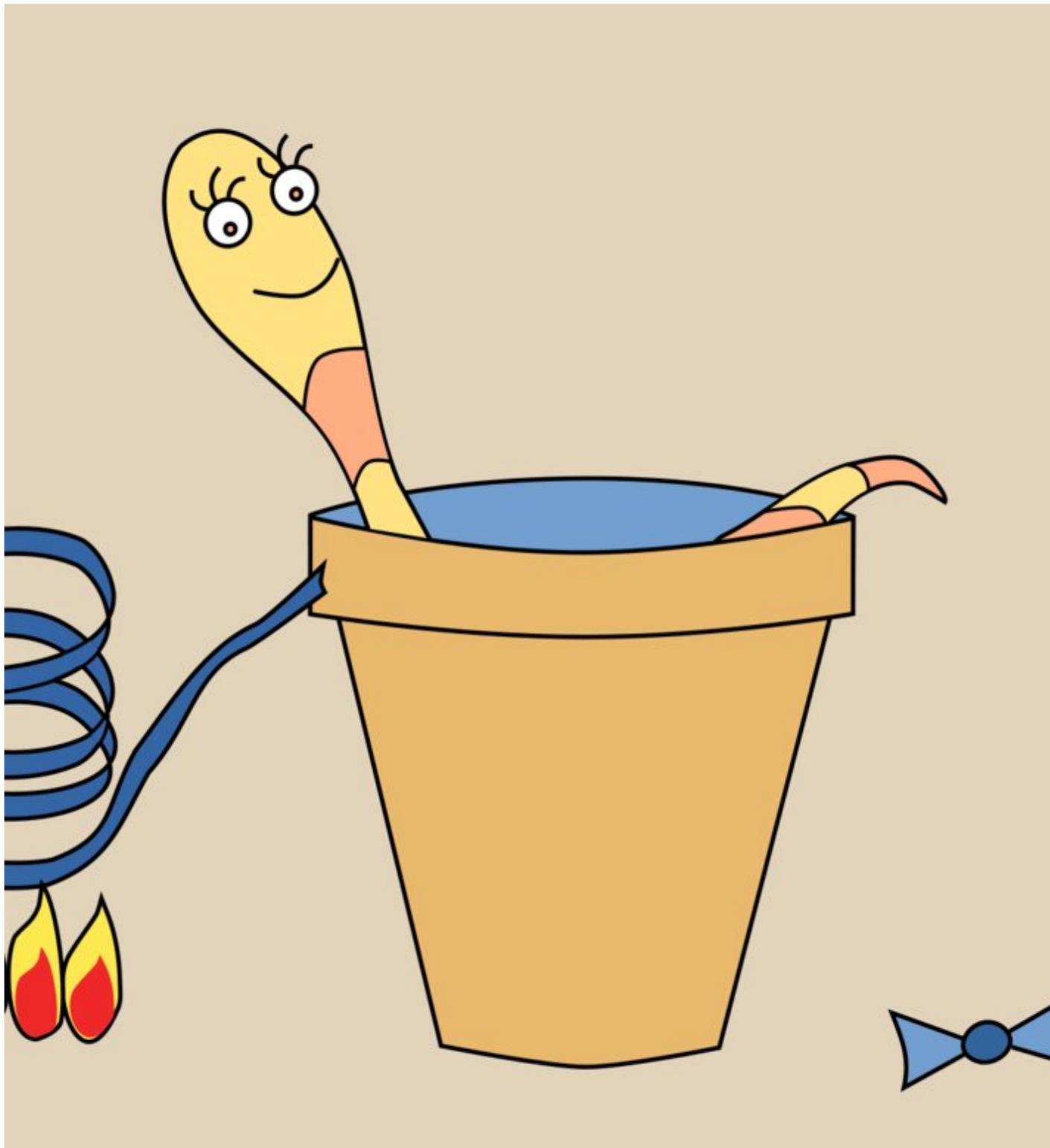
Mrs Earthworm had listened carefully in Science class, and so she knew how to make a filter using sand, seeds, and stones.



Mrs Earthworm was really proud of her work. But when she presented it to Mr Earthworm, there was a small problem. There was something else that dampened Mr Earthworm's craving for a bath - the temperature. The water is too cold!



Mrs Earthworm got back to work and added a handmade water heater, all they needed to do was light the fire to warm the water in the pipe.



Now it's perfect!

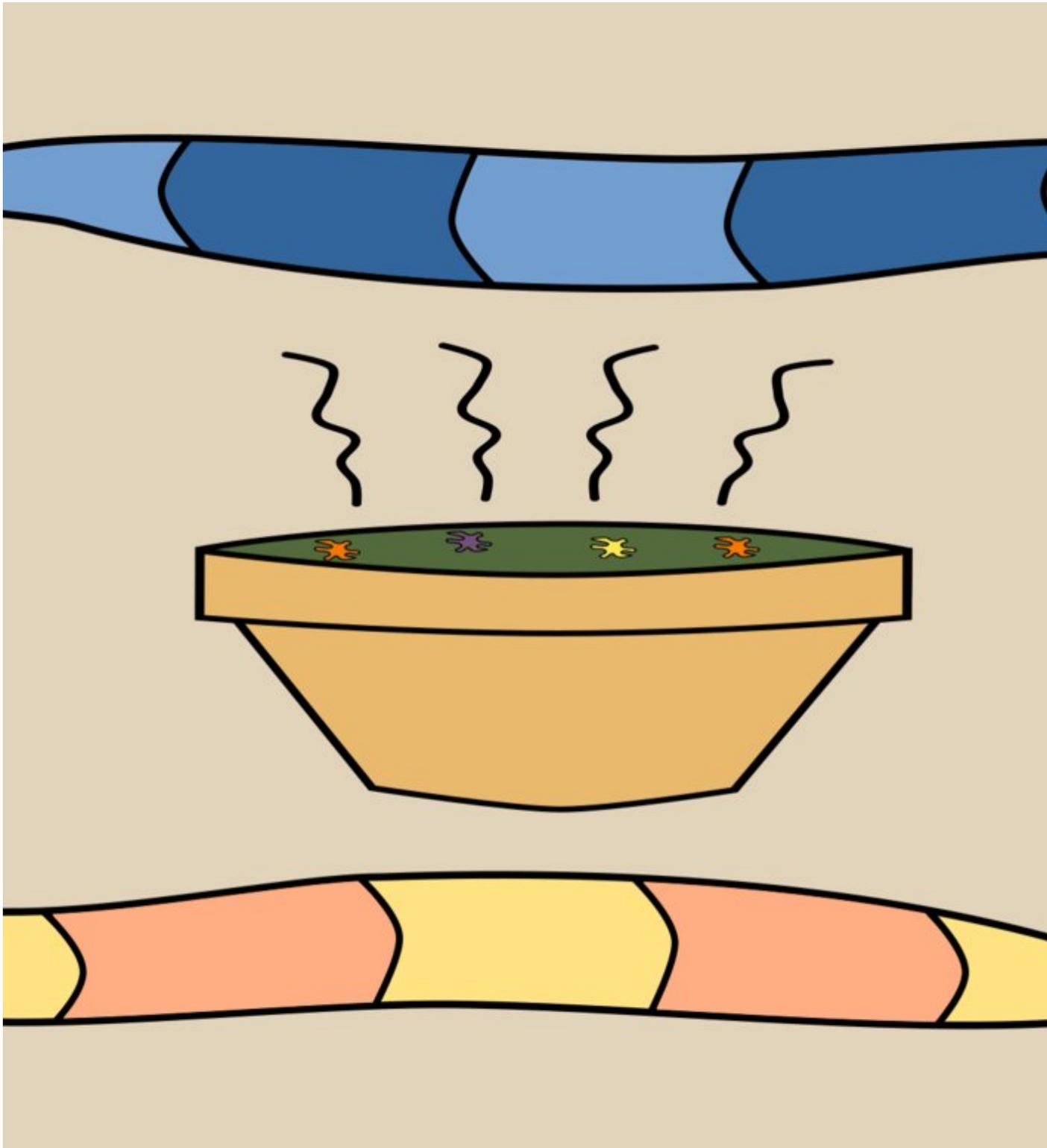
Mr Earthworm can finally relax in the bath that he so wanted so much.

- THE END -

This book has been modified from "Everyone has a right to a bath" by Cyrille Largillier.

This story explains the problem solving process an engineer often goes through when designing a solution.

In this story, Mr Earthworm likes to look pretty and Mrs Earthworm works on finding him a solution, this modification of the original story aims to shed light on typical gender stereotypes.



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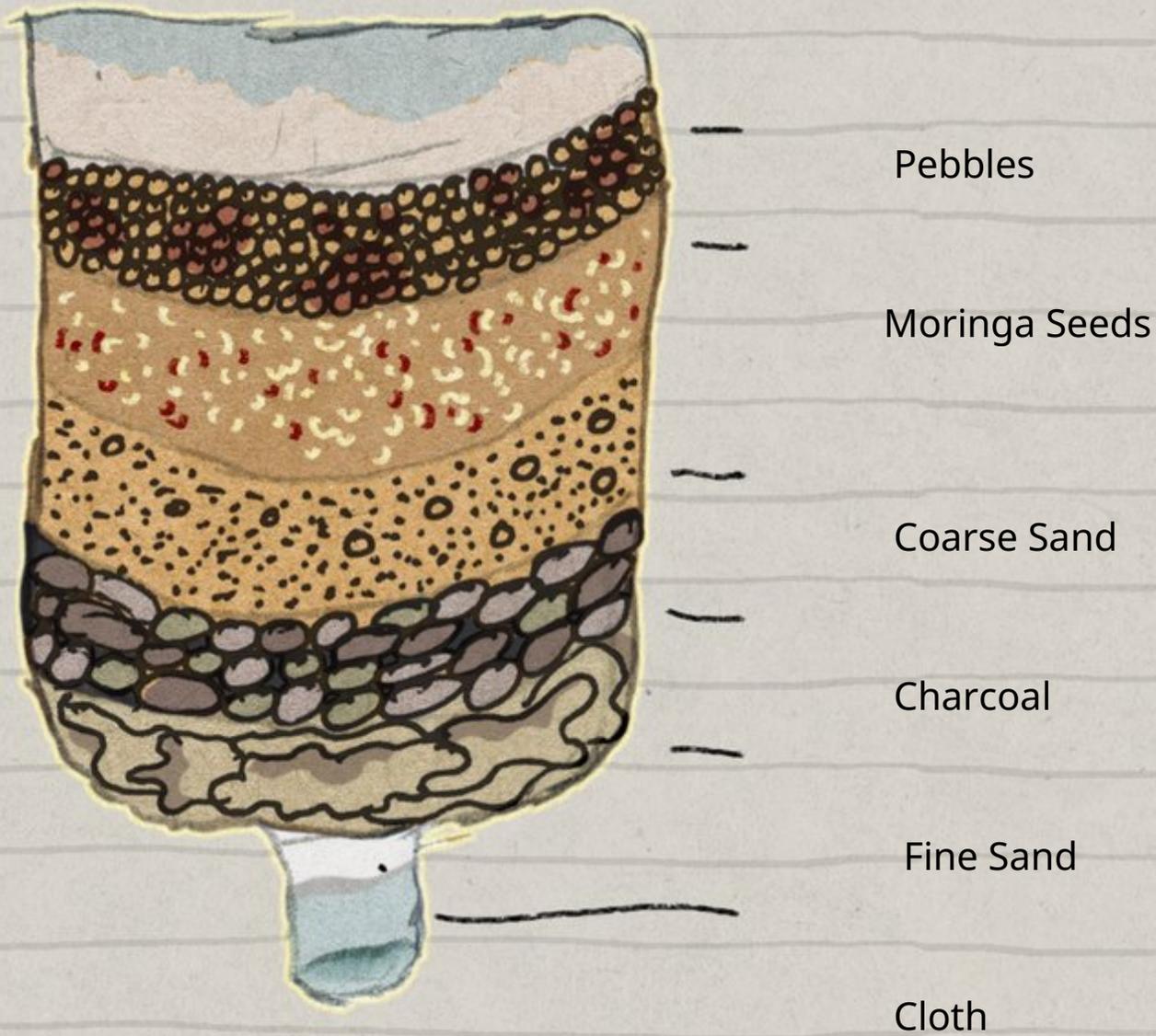
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The version of the original
text is modified to promote
gender equality and
non-discrimination.



Make your own water filter using and old bottle and this simple

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Mr Earthworm Wants a Bath - Early STEM

(English)

Mr Earthworm wants a bath, learn how Mrs Earthworm solves the problem in a systematic way, resulting in a simple home made bath.

This is a Level 3 book for children who are ready to read on their own.



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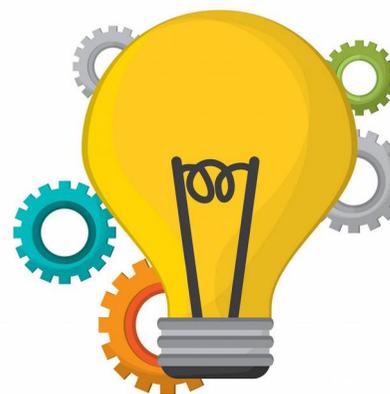


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