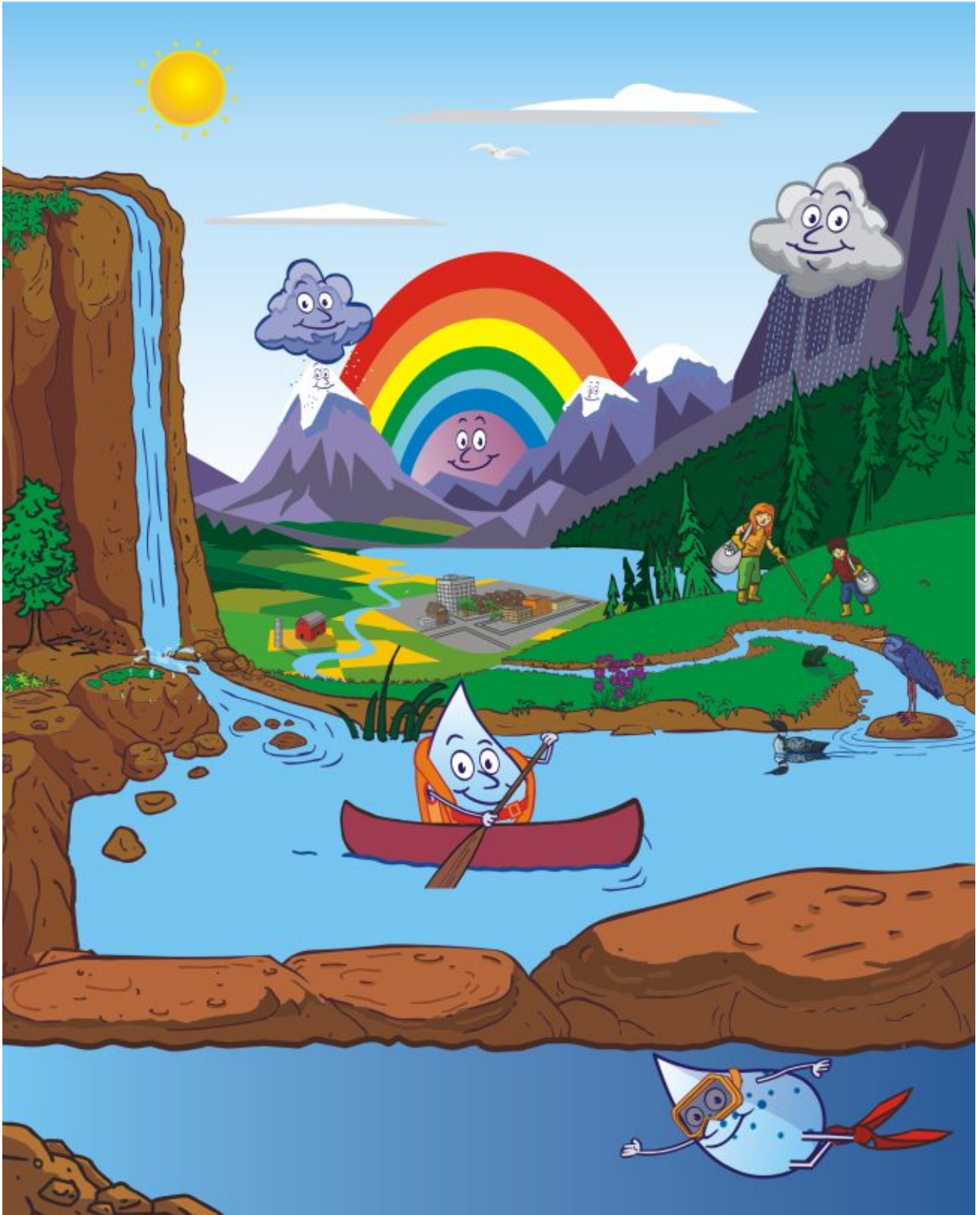


Morphie's Great Water Ride Adventure



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MORPHIE'S GREAT WATER RIDE ADVENTURE
IN THE CLASSROOM

Morphie's rhyming story is a complement to science learning in the classroom, and an invitation to investigate more about the properties, uses, vocabulary and responsible care of fresh water. This story and set of activities, available at www.on.ec.gc.ca/greatlakeskids, will add a cross-curricular dimension to young students' discovery of water's many special properties.

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Elise S. Houghton

Environmental Education Consultant/Writer, Toronto, ON

J. N. Lyons

Graphic Artist, Toronto, ON

Georgiana Chung

Graphic Artist, Environment Canada

Michael Goffin

Project Sponsor, Environment Canada

Tony Colavecchia

Project Manager, Environment Canada

Diane de Beaumont

Project Coordinator, Environment Canada

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Hello my name's Morphie, a **raindrop** to you.
And I'm here to tell you
all that **water** can do.
Yes, water! Amazing, most wonderful stuff
So splendid I simply can't tell you enough!

What — water — you say? Plain old water? Ho hum.
Why water's just there, ordinary.
No fun.
Aha! You think water's — just water — no more?
Then sit, listen please, and I'll tell you a story
Of water adventures to make your eyes wide
Of me, Morphie Raindrop
and my Great Water Ride.

Three things about water (that's me!) you should know:
...all the things I can do
... all the places I go
And ...all of the wonderful things I can be
As I travel the world round and round endlessly.





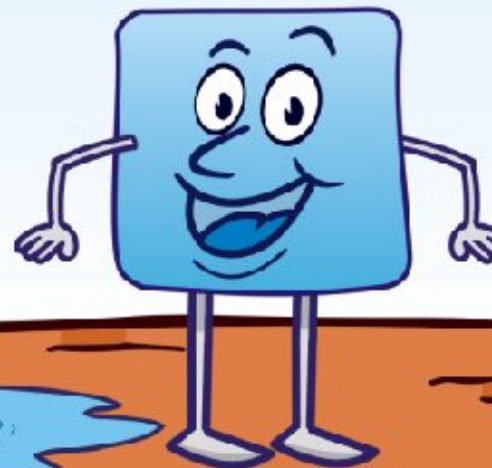
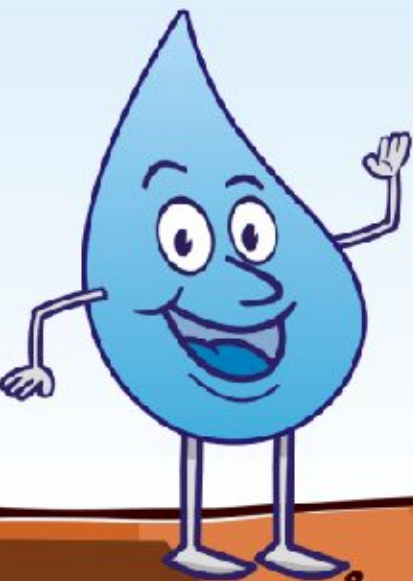
Morphie's my name because shapes I have many.
I'm square like an ice cube — or round like a penny!
I'm **crystal**, I'm **vapour**, I'm **prism**, I'm **ice**
Being water's like magic — and that's pretty nice!

I can be **liquid** like water that's sloshy
And I can be **solid** like icicles glossy
As glass
When they hang on a cold winter day.
Or I can be **gas** — **steamy** water that's **boiling** away!

I'm the **frost** in the morning
The **dew** drops at night
I'm the **rain** in the sun that makes **rainbows** glow bright.
I'm a white starry **snowflake**,
A **cloud** in the sky,
your breath on a cold day, a **tear** in your eye.

I can **rain**. I can **snow**. I can **hail**. I can **drizzle**!
Then when I **evaporate** in the sun's sizzle
I can **condense**
and come back somewhere new
I'm Morphie — I'm water!
Don't you wish you were too?

So come with me now. I'm off on my Ride!
Let's travel through **icebergs** and **oceans** so wide
Through rice paddies, bathwater, popsicles too,
through fountains and **wetlands**
and even through you!





My adventures begin —
right here at your feet!
My warm friend the Sun
Beams down her warm heat
On this big splashy **puddle**.
We raindrops all wait...
For the sunshine to make us
....**evaporate!**

Evaporate — Poof! We all tingle and rise
We turn into **vapour** in front of your eyes!
We're water that's disappeared into the air
So now we can travel — to everywhere!





Up, up I float till I find a nice cloud.
(A cloud's all my raindrop friends, in a big crowd!)
We ride in the cold wind across the wide sky
And **freeze** into **snowflakes** all ready to fly!

Ready, set — there's a mountain! Hold your hats, here we go!
We snowflakes are parachutes making a snow
storm that turns the whole mountain top
sparkly and white.
A beautiful picture! A skier's delight!

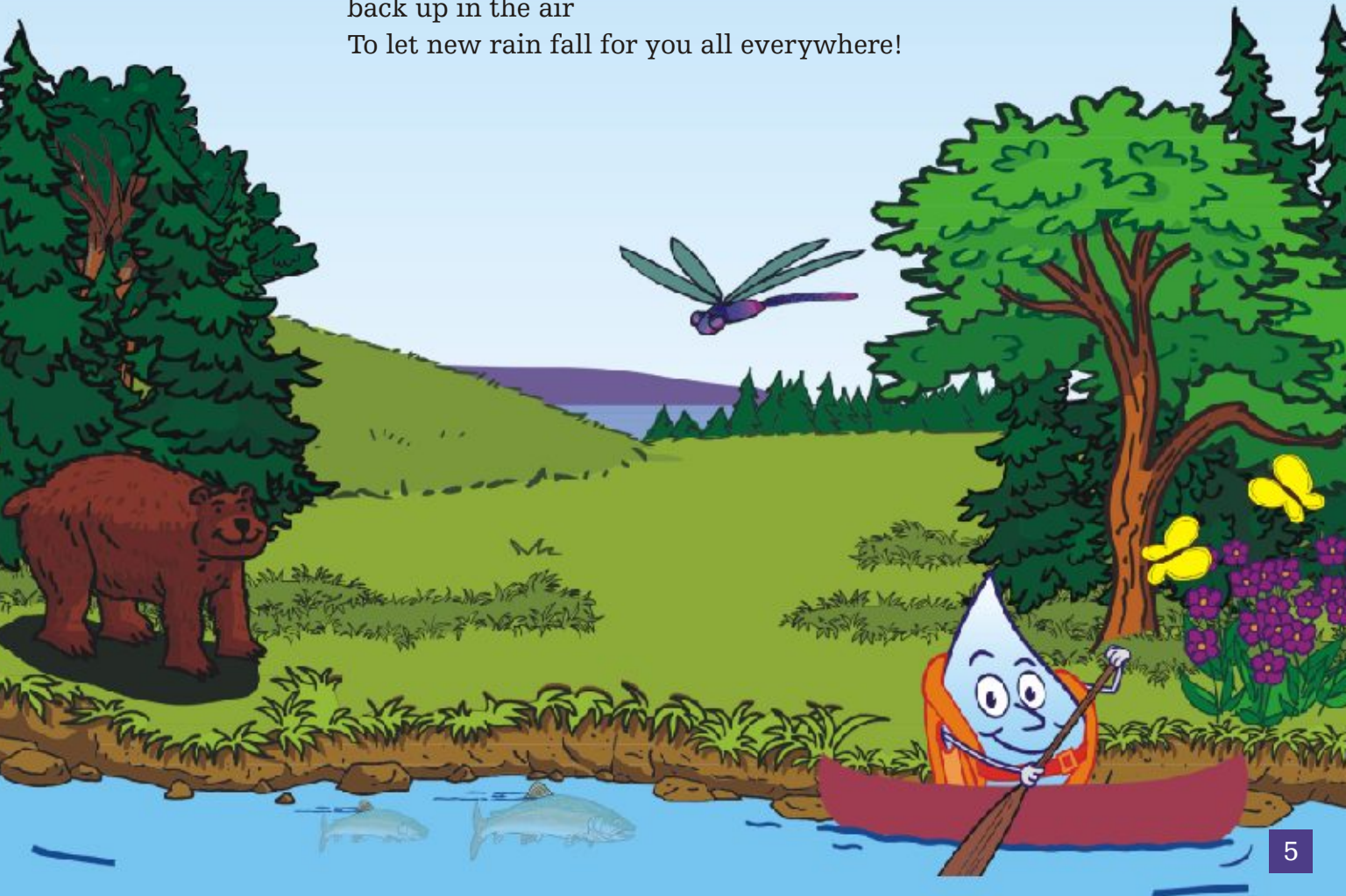
My snow friends float down. They make white snow pile high.
But me? I keep going, I parachute by
them to down where it's warmer. I **melt** and I'm rain...
And then I'm a **river** that runs like a train!
I speed down and down on my wonderful Ride,
On a wild, bouncy, marvelous white-water slide!





All creatures need water and so do the plants,
From great big black bears to tiny black ants.
From mighty tall trees to the violets so small,
To critters so tiny...
You can't see them at all!

So I water the forest, its green shady pines,
Its deer and its maples, its mosses and vines,
Its wild flowers, mushrooms, and fat porcupines.
Then the forest can breathe me
back up in the air
To let new rain fall for you all everywhere!



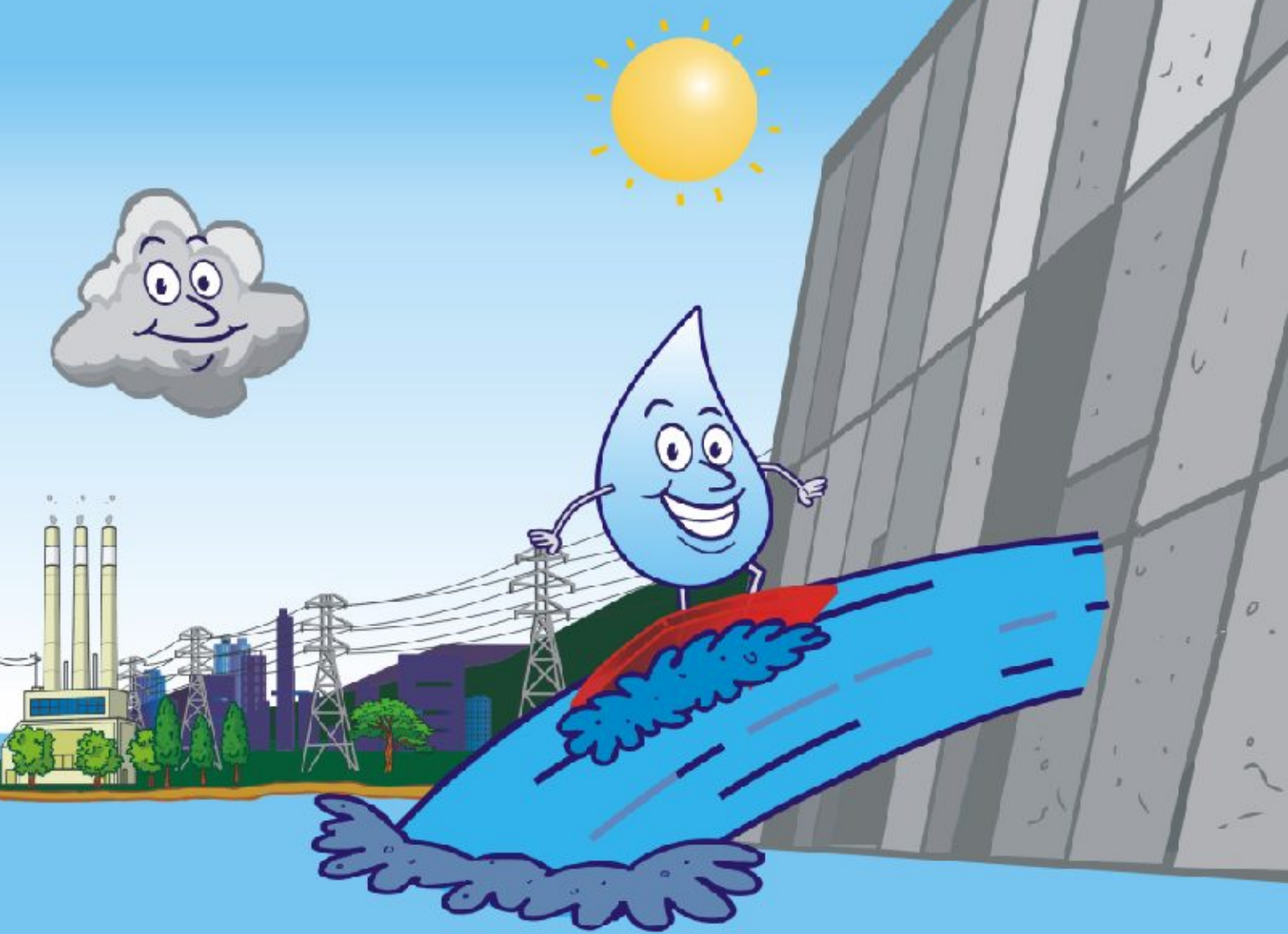


Next stop? I'm a **wetland**, a watery nest
Where lots of my animal friends like it best.
Where beavers and ducks and blue herons and fish,
Can make their homes
swim in me,
drink when they wish.

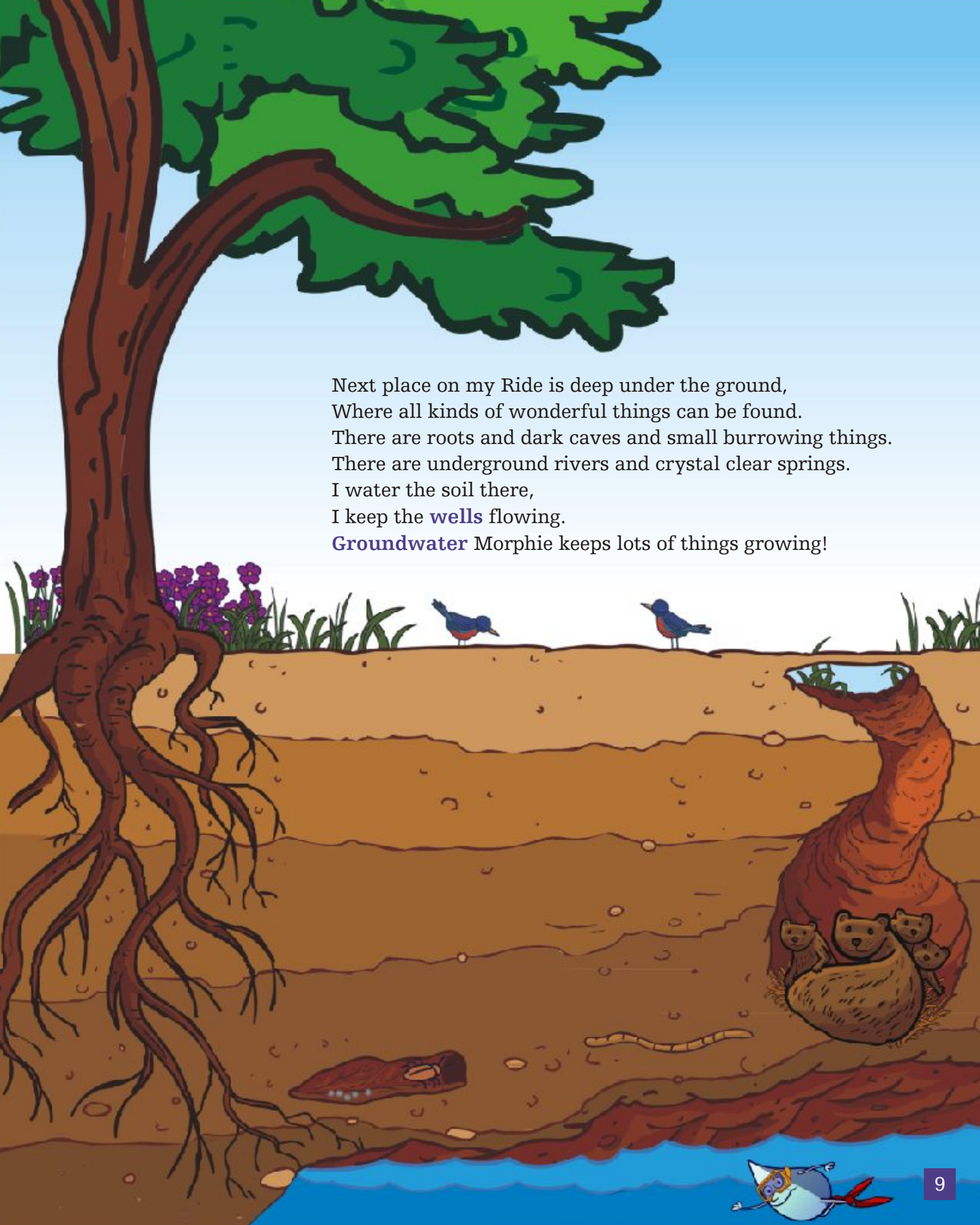




On my Great Water Ride I have all kinds of fun.
But on the way by I get lots of work done!
Mighty Morphie moves earth (that's **erosion** to you!)
I **freeze** and crack rocks and make new soil too.
I wear down tall mountains.
I carve river beds.
I grind the soft sand for the ocean's beach edge.

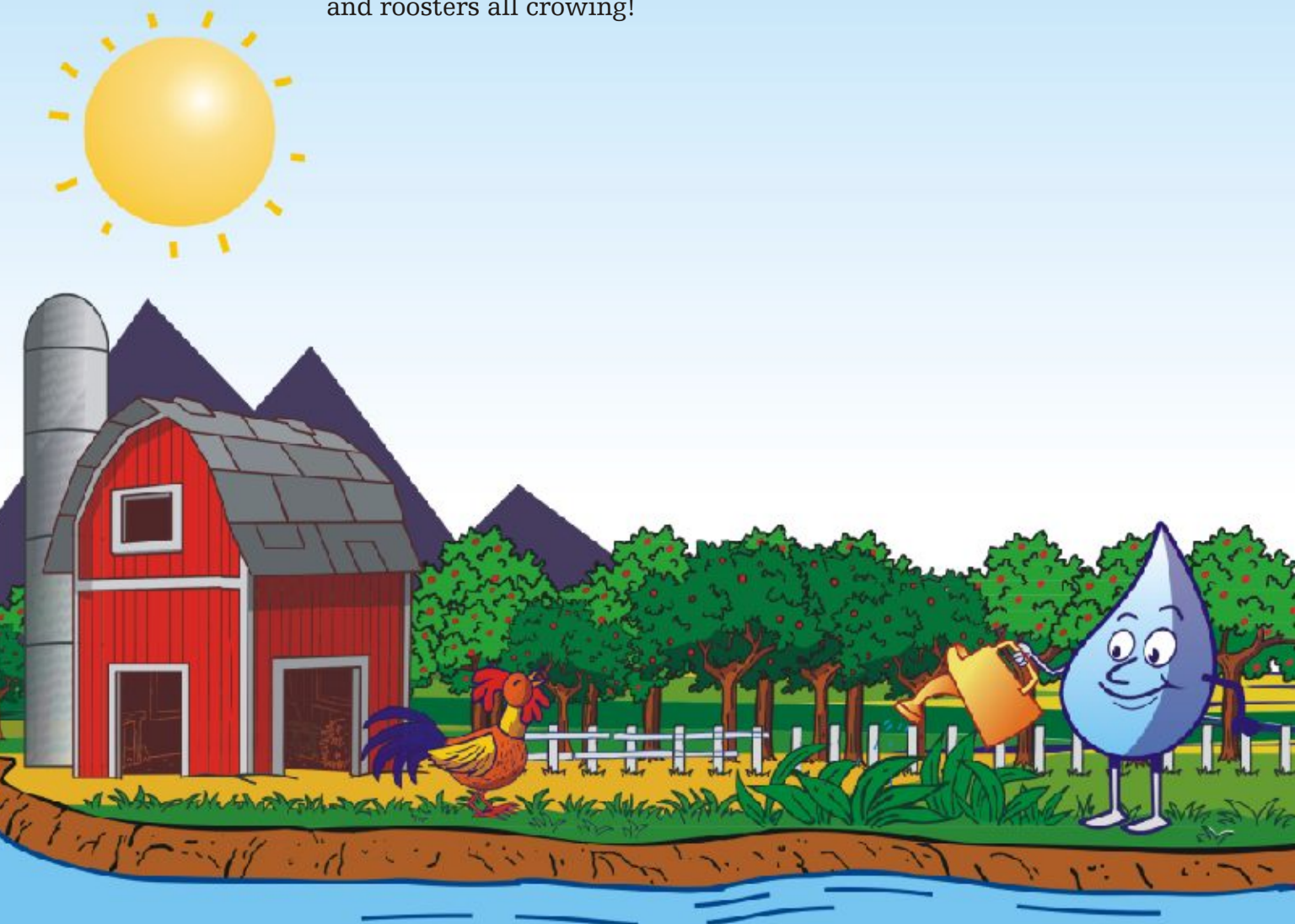


Another neat thing Morphie Raindrop can be
Is the magic that you call **electricity!**
I ride from the top of a great big dam's wall
And push a big turbine that spins as I fall.
The turbine makes power.
The power makes light,
That helps you see better and makes your life bright!



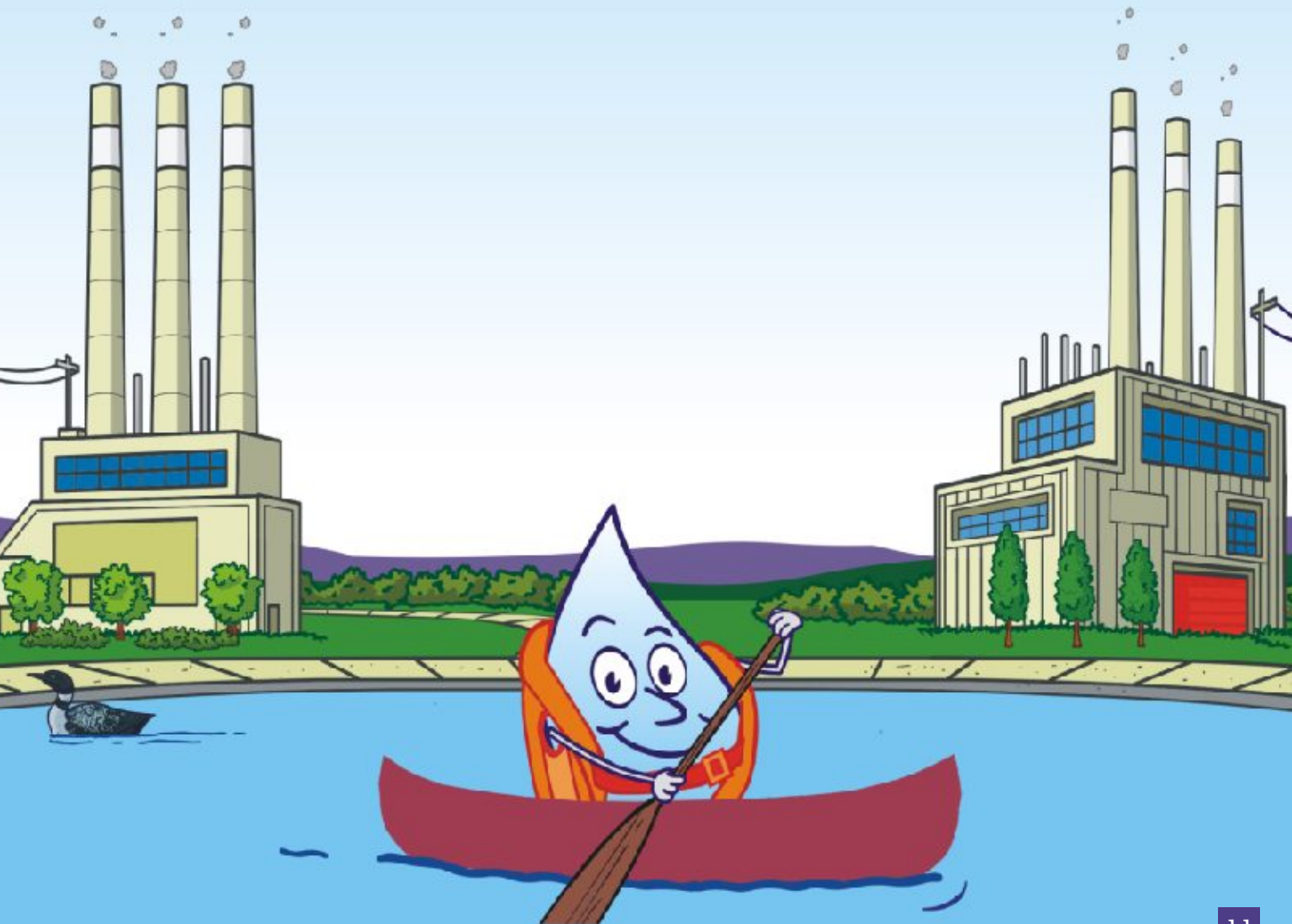
Next place on my Ride is deep under the ground,
Where all kinds of wonderful things can be found.
There are roots and dark caves and small burrowing things.
There are underground rivers and crystal clear springs.
I water the soil there,
I keep the **wells** flowing.
Groundwater Morphie keeps lots of things growing!

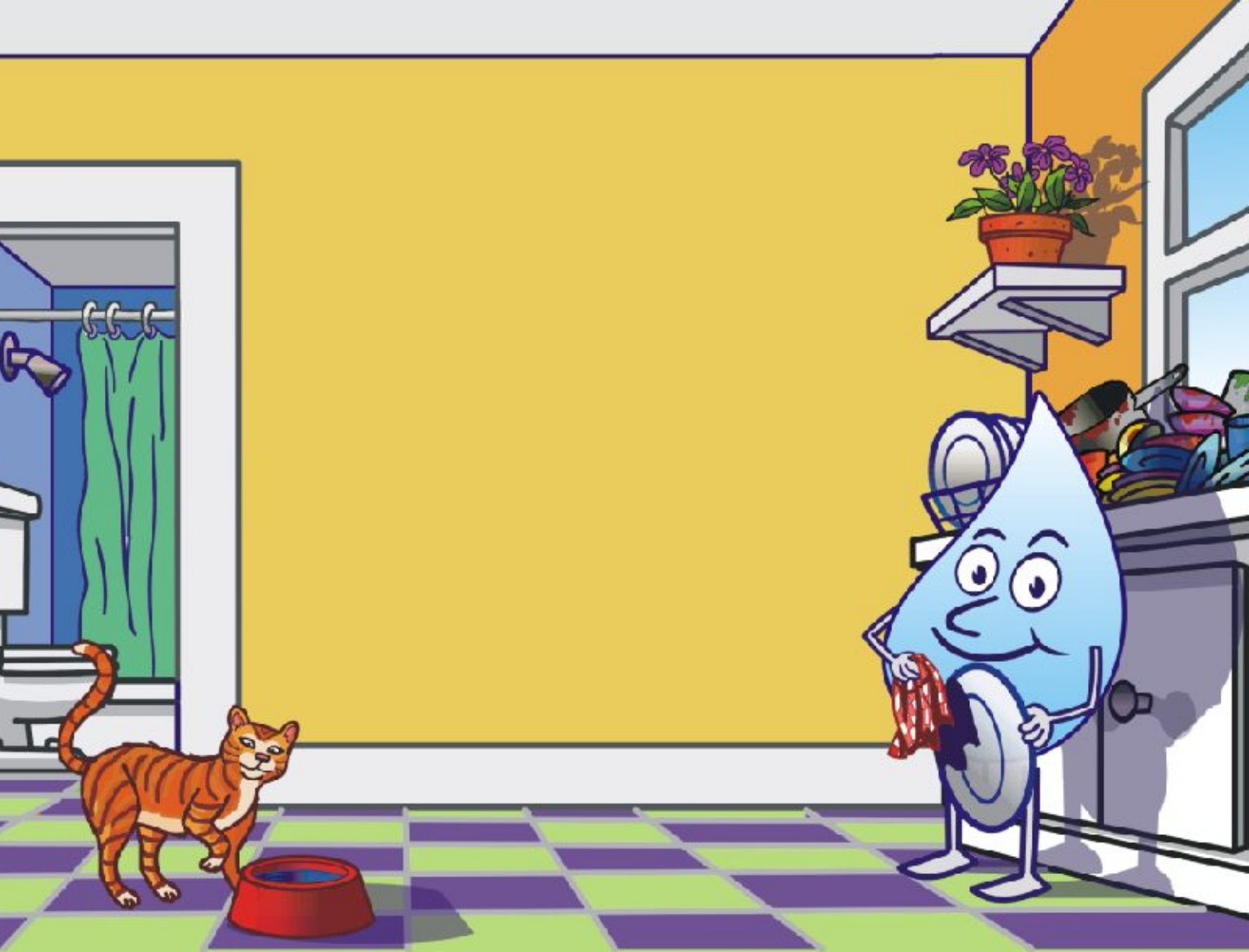
Where else, you may ask, does my Water Ride go?
To places where good people make your food grow!
I'm **rain** for the farmer to keep his fields green.
I'm water to keep his barns healthy and clean.
I'm water to keep all his vegetables growing,
And a **drink** for
cows
sheep
pigs
and roosters all crowing!





A factory's the next place I go on my Ride.
Because water and making things go side by side.
Water helps make lots of things that you use
From soup to spaghetti to nice shiny shoes.
From cement for the sidewalk, to pickles in jars,
For paper and poster paint, engines for cars.
For nice bright white t-shirts and jeans dyed dark blue
And good bubbly soap to keep things clean as new!





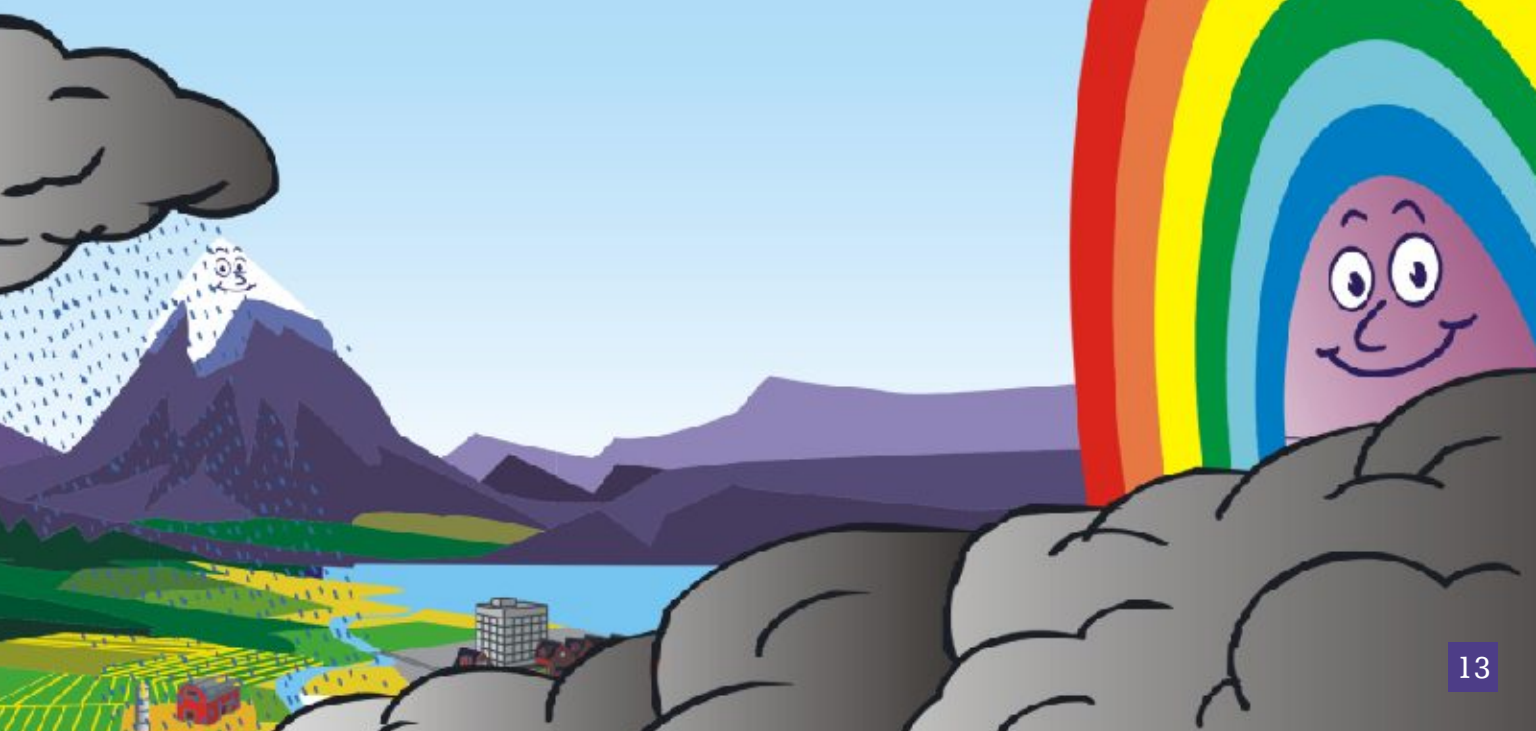
And now.... for a favourite thing that I do
On my Ride — I come right to your home to see you!
I water your plants and I water your flowers.
I'm there for your dishes and baths and hot showers.
For flushing and brushing and bubbly shampoos,
For cooking and clean clothes and hot yummy stews.

So just for one minute, think how home would be
IF there was no water — no Morphie — no me!



Sometimes, just sometimes, when the day is just so
When the bright, bright sun shines, and the clouds start to blow
And big dark clouds billow, and the rain tumbles down
A magic thing happens. From the sky to the ground.
A raindrop's a **prism**, as you maybe know
That let's me take sunshine
and make colours glow
Through the rain in a ribbon of

Red-orange-yellow - **green**- **blue**- **indigo**.
A present from Morphie to you — a **rainbow**!

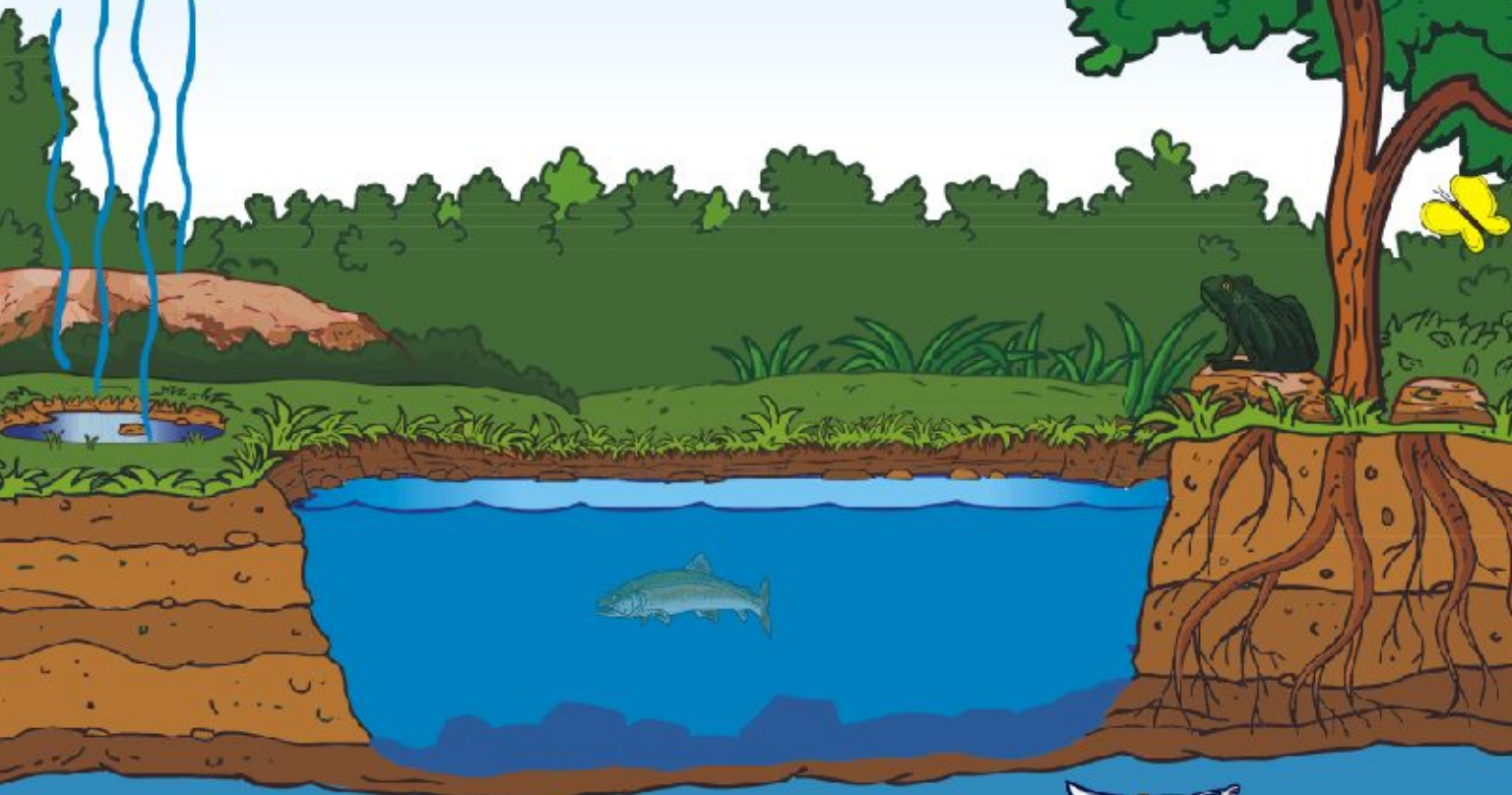


Do you ever wonder, in the country so green ...
Just how Mother Nature keeps water so clean?
I'll tell you her secret
Of the nice simple way
She keeps Morphie sparkly and clear every day.



She makes me **evaporate**, as you can see,
And that leaves behind anything mixed in me.
So when I **condense**
back into a **drop**,
I'm perfect pure water, all clear and tip-top!

Or another way Nature helps me when I'm muddy,
(And you just may find this a little bit funny!)
Is to send me through wetlands
or underground **streams**
And surprise! I **spring** out again all nice and clean!





Like all living things everywhere that you've seen
People need water that's healthy and clean.
Because you're mostly water (It's honestly true!)
Which means Morphie Raindrop's a big part of you!

It takes everybody to keep water clean
Our cities, our towns and the folks in between!
So don't throw things in water —
that you'd rather not drink!
And please don't let taps go drip, drip in your sink.
When you take care of water,
you take care of me.
So think of Morphie Raindrop — and use water carefully!



So now my Ride's over, I've been near and far.
You know Morphie Raindrop is truly a star!
I bet there's not anyone else that you know
Who can do what I do,
or go where I go!!

There's just one more big thing that I'd like to share.
Please tell all the people you know to take care
Of water — of me — of Morphie your friend!
And that way I'll be there for you — without END!





Meet Morphie, a raindrop who travels, magically changes shape and form (hence his name), and shows us how many things water can do as he “rides” the water cycle in the Great Water Ride Adventure story.



www.on.ec.gc.ca/greatlakeskids/

