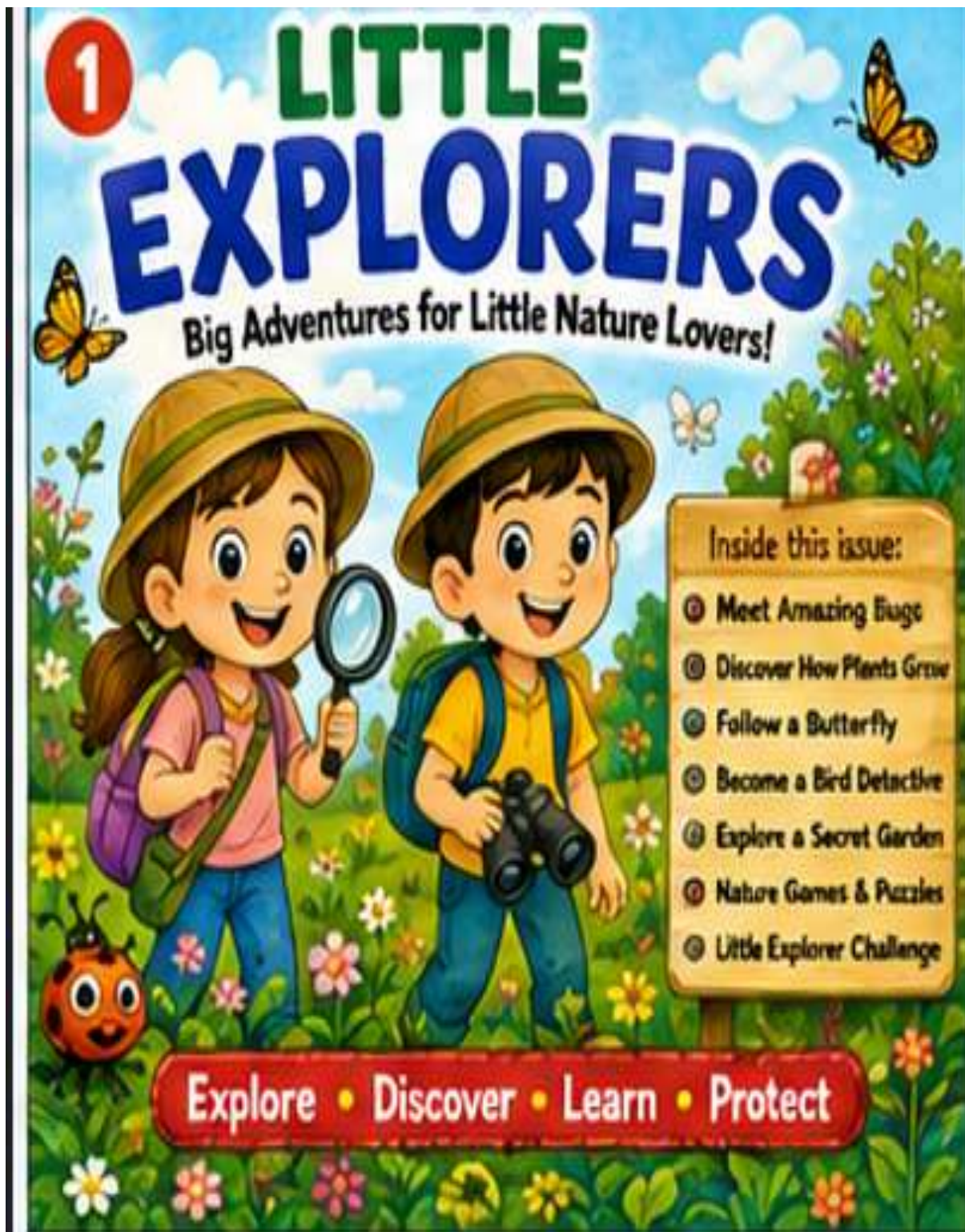


Little Explorers Nature Magazine



2

WELCOME, LITTLE EXPLORER!

Hello, Explorer!

Look around you.

Can you see a tree?

Can you hear a bird?

Can you find a flower?

Can you spot a tiny insect?

Nature is everywhere!

You don't need a rocket ship
to go exploring.

Sometimes your backyard,
garden, park, or school
playground can be the
beginning of a BIG adventure.

So grab your magnifying glass...

Put on your explorer hat...

And let's go!



Today's Explorer Rule:

■ **Look closely.**

■ **Be gentle.**

■ **Listen carefully.**



3

AMAZING LITTLE BUGS

Who Lives Under the Leaves?

Lift a leaf gently.
What might you find?
Maybe a tiny ant.
Maybe a beetle.
Maybe a little spider.
Bugs may be small, but they
have very important jobs.



Bees help flowers grow.



Beetles help break down
old plants.



Butterflies help move pollen
from flower to flower.



Ants carry food and
help the soil.

Explorer Question

Can you find three different
tiny creatures outside?
Don't touch them.
Just watch!



4

BUTTERFLY ADVENTURE

From Caterpillar to Butterfly

Did you know that a butterfly doesn't start life with wings?

First comes an egg.

Then...



CATERPILLAR!

The caterpillar eats and grows.



Next, it makes a special covering called a chrysalis.



Inside, something amazing happens.

And then...



A BUTTERFLY APPEARS!

Its wings unfold.

It dries them.



And off it flies!

WOW!

A butterfly changes its body as it grows. That's called **METAMORPHOSIS.**



5

THE TINY SEED

What's Inside a Seed?

Hold a seed in your hand.
It may look tiny.
But inside is the beginning
of a plant!

A seed needs the right things
to grow:



Water



Light



Air



Good soil

First, a tiny root grows down.
Then a little shoot grows up.
Soon...

POP!

A green plant appears.



Explorer Challenge

Find a seed at home
or outside.

- What shape is it?
- Is it smooth?
- Is it rough?
- Is it big or tiny?



6

MEET A TREE**The Giant Green Friend**

Trees are amazing!

They give us:



Fruit



Nuts



Shade



Homes for animals



Fresh air

A tree can be tiny...

Or it can grow taller
than a house!

Look at the trunk.

Can you see lines
and patterns?

Look at the leaves.

Are they all the same?

**Tree Detective**

Choose one tree.

Look at it carefully.

What color is its bark?

How many different
shapes of leaves can
you find?



7 BIRD DETECTIVE

SHHH... Listen!

Close your eyes.
What can you hear?
Tweet! Tweet!
Chirp! Chirp!

Birds use songs and calls
to communicate.

Some birds build nests in trees.
Some build nests on buildings.
Some even make nests
on the ground!

BIRD DETECTIVE GAME

When you see a bird, look for:

- ☐ Color
- ☐ Size
- ☐ Feather pattern
- ☐ Sound
- ☐ Where it is sitting

You don't have to know its name.
You're still a bird detective!



8

ANIMAL HOMES Who Lives Here?

Animals need homes too.

-  A bird might live in a nest.
-  A rabbit might live in a burrow.
-  A squirrel might make a home in a tree.
-  Bees live together in a hive.

Some animals live underground.
Others live in ponds, rivers,
or oceans.

Can You Match Them?

- | | | | |
|---|----------|---|--------|
|  | Bird | → | Nest |
|  | Rabbit | → | Burrow |
|  | Bee | → | Hive |
|  | Squirrel | → | Tree |

Think About It

Where would YOU build
a tiny animal house?



9

THE AMAZING WATER CYCLE

Where Does Rain Come From?

Look at the sky.

Have you ever wondered where rain comes from?

-  Water from rivers, lakes, oceans, and puddles warms up.
-  The water rises into the air.
-  It becomes tiny drops.
-  The drops gather into clouds.
-  When the clouds become heavy...

RAIN!

The rain falls back to Earth.
And the cycle starts again.

Explorer Tip

Every drop of water is precious.

Turn off the tap when
you're not using it!



10

NATURE COLORS

Can You Find the Rainbow?

Nature is full of colors!

-  Red
-  Orange
-  Yellow
-  Green
-  Blue
-  Purple

Can you find:

-  Something red?
-  Something yellow?
-  Something green?
-  Something blue?
-  Something purple?

LITTLE EXPLORER ART

Draw your favorite thing
from nature.



11

POND EXPLORERS

What's Hiding in the Pond?

A pond might look quiet.
But look closer!
You might find:

-  Frogs
-  Fish
-  Ducks
-  Snails
-  Water plants
-  Dragonflies

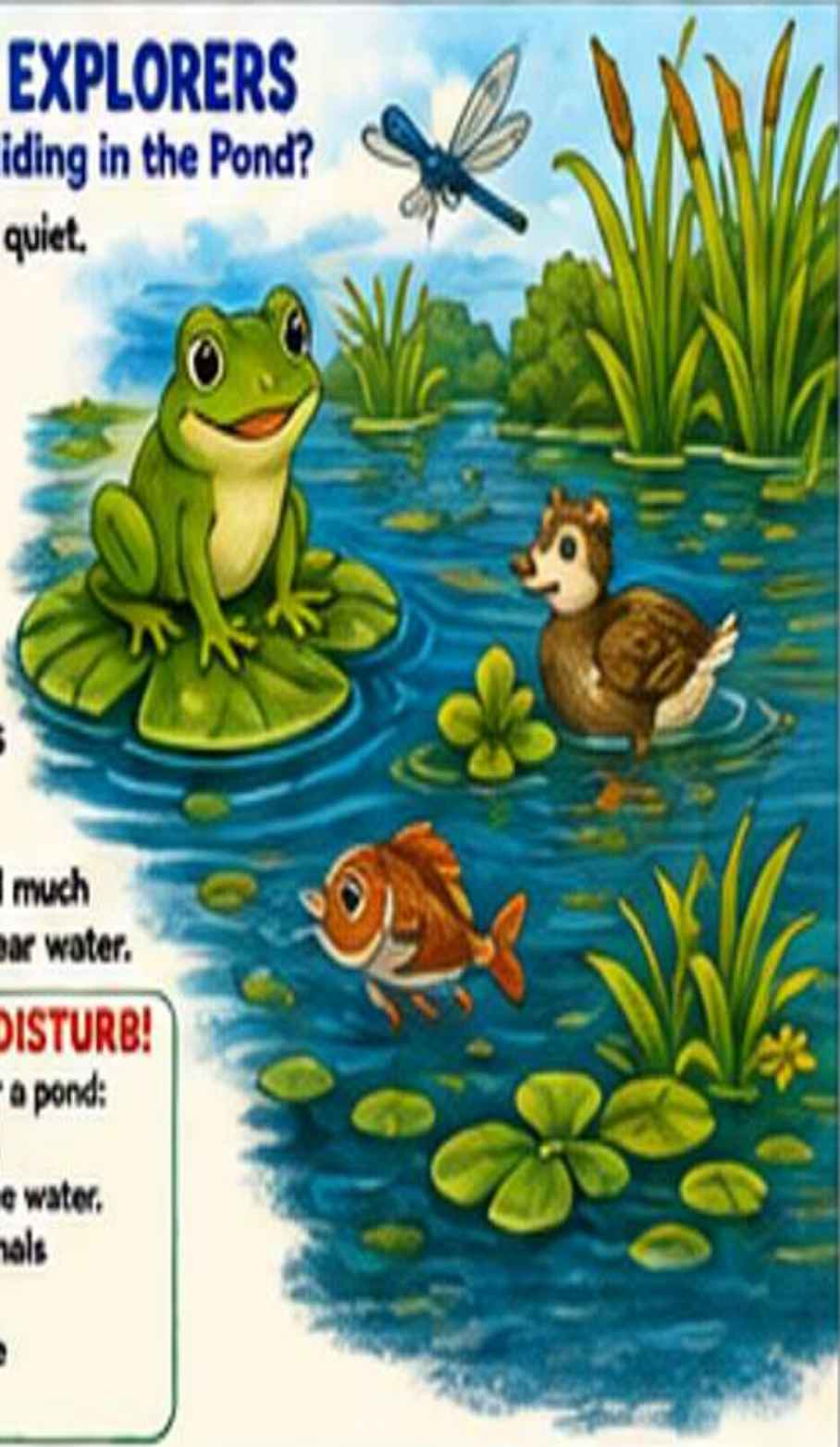
Some animals spend much
of their lives in or near water.

LOOK - DON'T DISTURB!

When exploring near a pond:

- Stay with an adult.
- Don't climb into the water.
- Don't disturb animals
or their homes.

Nature explorers are
careful explorers!



12

LISTEN TO THE WIND

Whoosh!

Have you ever listened
to the wind?

It can sound like:

Whooooosh!

Leaves move.

Branches sway.

Grass dances.

Wind can be gentle...

Or very strong.

TRY THIS!

Find a tree.

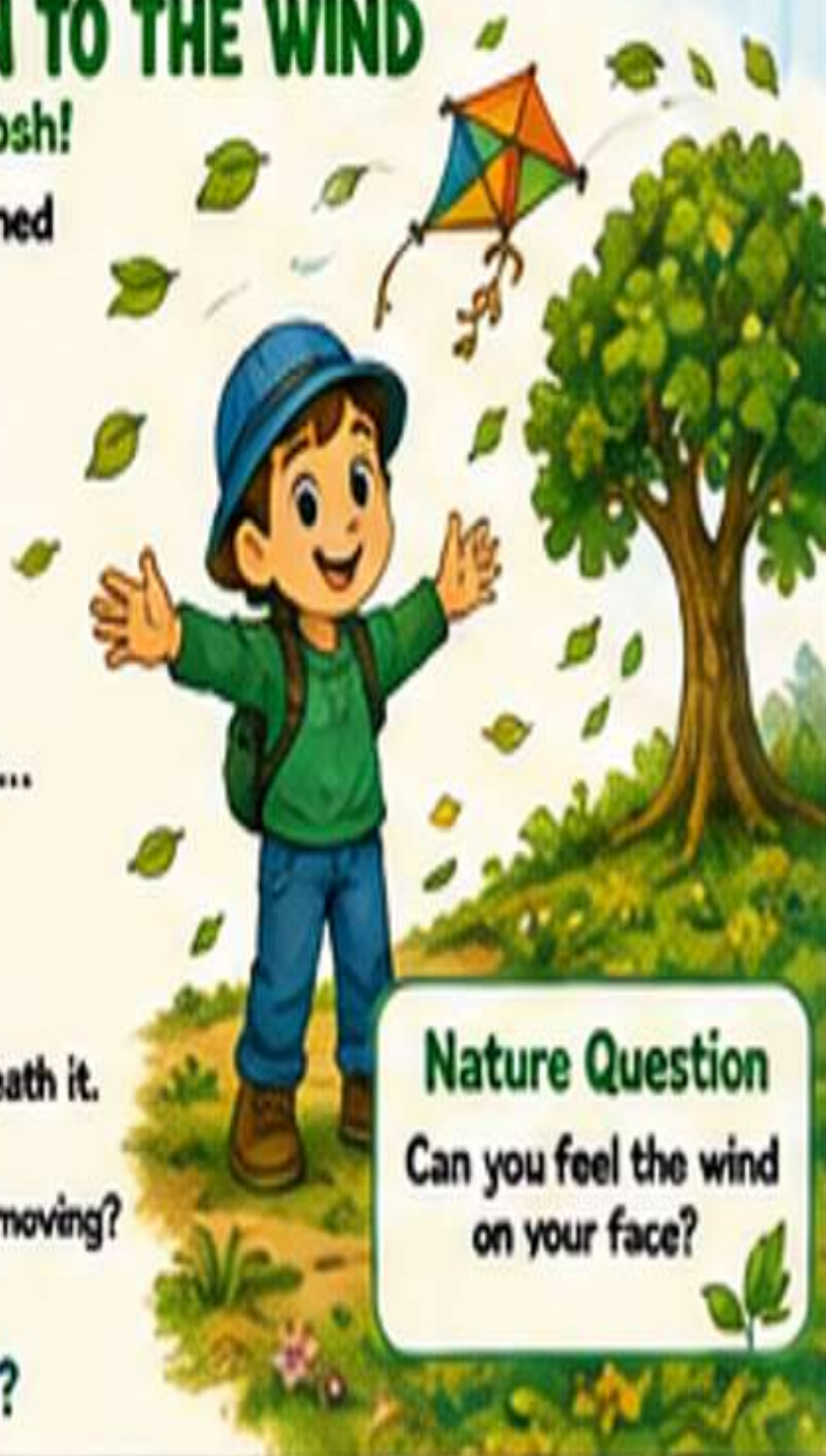
Stand safely underneath it.

Watch the leaves.

Which way are they moving?

Left? Right?

Back? Forward?



Nature Question

Can you feel the wind
on your face?

13

BUSY AS A BEE

Meet the Busy Bees!

Buzz! Buzz!

Bees are very busy
little workers.

They visit flowers looking
for nectar and pollen.

As they move between
flowers, they help plants
reproduce.

This helps many plants
produce:

-  Fruits
-  Vegetables
-  Seeds

So when you see a bee...

Don't be afraid.

Give it space.

Let it do its important work.



THANK A BEE!

Buzz, buzz, little bee!

Thank you for helping
flowers grow!

14 NIGHTTIME EXPLORERS

Who Comes Out at Night?

When the sun goes down, the world doesn't go to sleep. Some animals are just waking up!

-  Owls may begin hunting.
-  Bats fly through the night.
-  Some small animals search for food.
-  Frogs may start singing.

The nighttime world is full of sounds.

SAFE EXPLORER RULE

If you explore outside at night:

- Always go with a grown-up.
- Never wander outside alone.



15 HELP OUR PLANET

Be a Nature Hero!

You don't have to be a superhero to help Earth. You can:

-  Reuse things.
-  Put rubbish in the bin.
-  Save water.
-  Take care of plants.
-  Leave animal homes alone.
-  Turn off lights when you don't need them.
-  Never damage trees or plants.

LITTLE HERO CHALLENGE

Pick one thing you can do today to help nature. Then do it!



16

NATURE PUZZLE WHO AM I?

1. I have colorful wings.
I start life as a caterpillar.
Who am I?



2. I buzz around flowers.
I help plants grow.
Who am I?



3. I have feathers.
I can fly.
I build nests.
Who am I?



4. I grow from a seed.
I have leaves.
What am I?



17

LITTLE EXPLORER SCAVENGER HUNT

Can You Find Them?

Take this magazine outside with you.
Try to find:

- | | |
|--|--|
| ☐ A green leaf | ☐ A tree |
| ☐ A yellow flower | ☐ A bird |
| ☐ A small rock | ☐ A cloud shaped like something funny |
| ☐ A feather | ☐ A tiny insect |

BONUS!

Find something in nature that you
have never noticed before!
Draw it below.



18

MAKE YOUR OWN NATURE JOURNAL

My Little Nature Journal

Today's Date: _____

I explored: _____

I saw: _____

I heard: _____

My favorite thing was: _____

Draw what you discovered!



19

LITTLE EXPLORER CERTIFICATE

This certificate belongs to:

You are officially a...

LITTLE EXPLORER!

You have learned to:

- ☒ Look carefully
- ☒ Ask questions
- ☒ Discover new things
- ☒ Respect animals
- ☒ Protect plants
- ☒ Keep nature clean
- ☒ Explore safely



Keep exploring!



20

THE BIG LESSON

WHAT DID WE LEARN?

Nature is our wonderful home.

Every tiny ant...

Every colorful butterfly...

Every singing bird...

Every tall tree...

Every little seed...

is part of our amazing world.

We don't have to be big

to make a difference.

We can help by being:

 **CURIOUS** Ask questions

 **CAREFUL** Think before touching

 **KIND** Treat gently

 **RESPONSIBLE** Take care of our planet



