

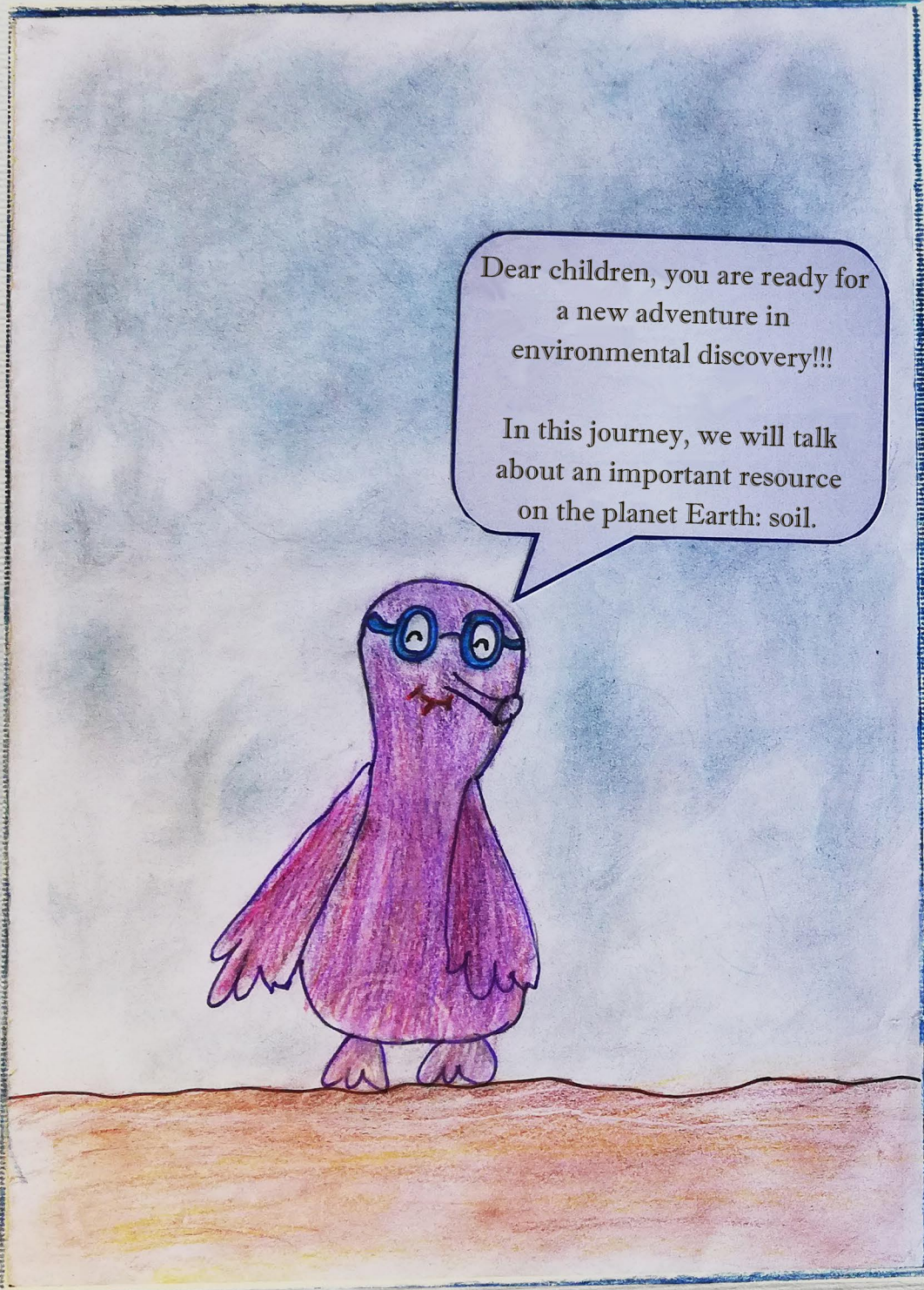
Let's go
to discover
soil biodiversity

Soil: a precious resource
to discover and
to protect



Soil is a world full of life:
discovering its secrets and meeting its
inhabitants is an amazing and
captivating adventure.

This journey begins with the funny
story of some children
that one day, meet casually,
Katrina, the naughty mole
who accompanies them on
an interesting journey of the discovery
of the soil resource,
in order to know, love and protect it.





To understand soil we
must look under
our feet.
Soil lies on the surface
of the Earth.

What!!!
The surface???



Yes!
Exactly where
we walk and run.



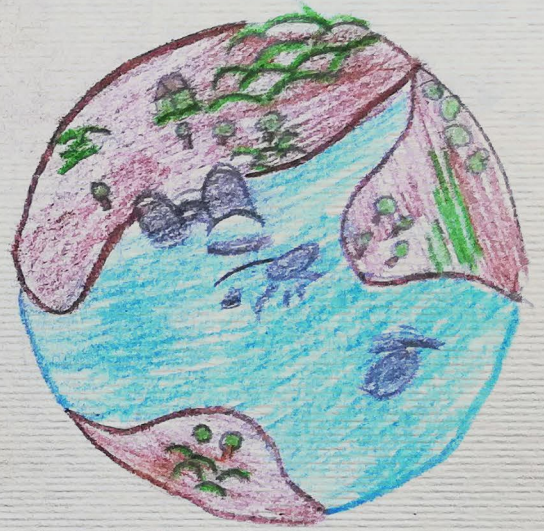
Really?



Let's start this marvellous adventure!!
Hurayyyyyyy!

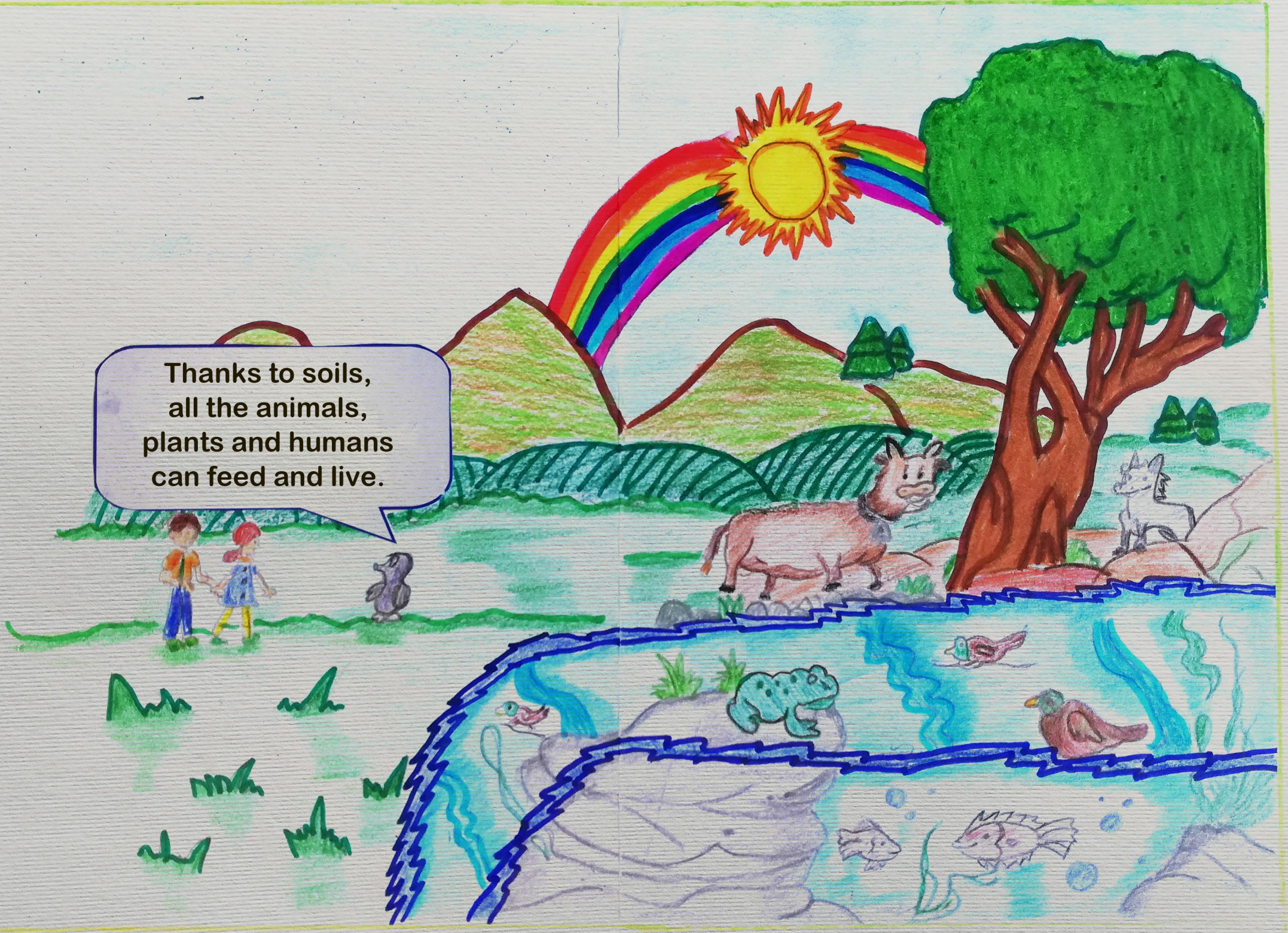


Dear children!!
the soil is the
protecting skin of our
planet and without it,
the Earth will be
destroyed in a
short time.



Then the soil is a
precious resource
to be known and
protected.

Thanks to soils,
all the animals,
plants and humans
can feed and live.







Soil is made up of overlapping layers.
The litter is made up of leaves,
small branches and bark fragments.
Humus comes out from decomposition
of plant and animal remains, moulds
and bacteria.
Mineral layers are made up of rock fragments,
sand, clay and salts.
Therefore, soil performs many functions!!!



Who are these little organisms?

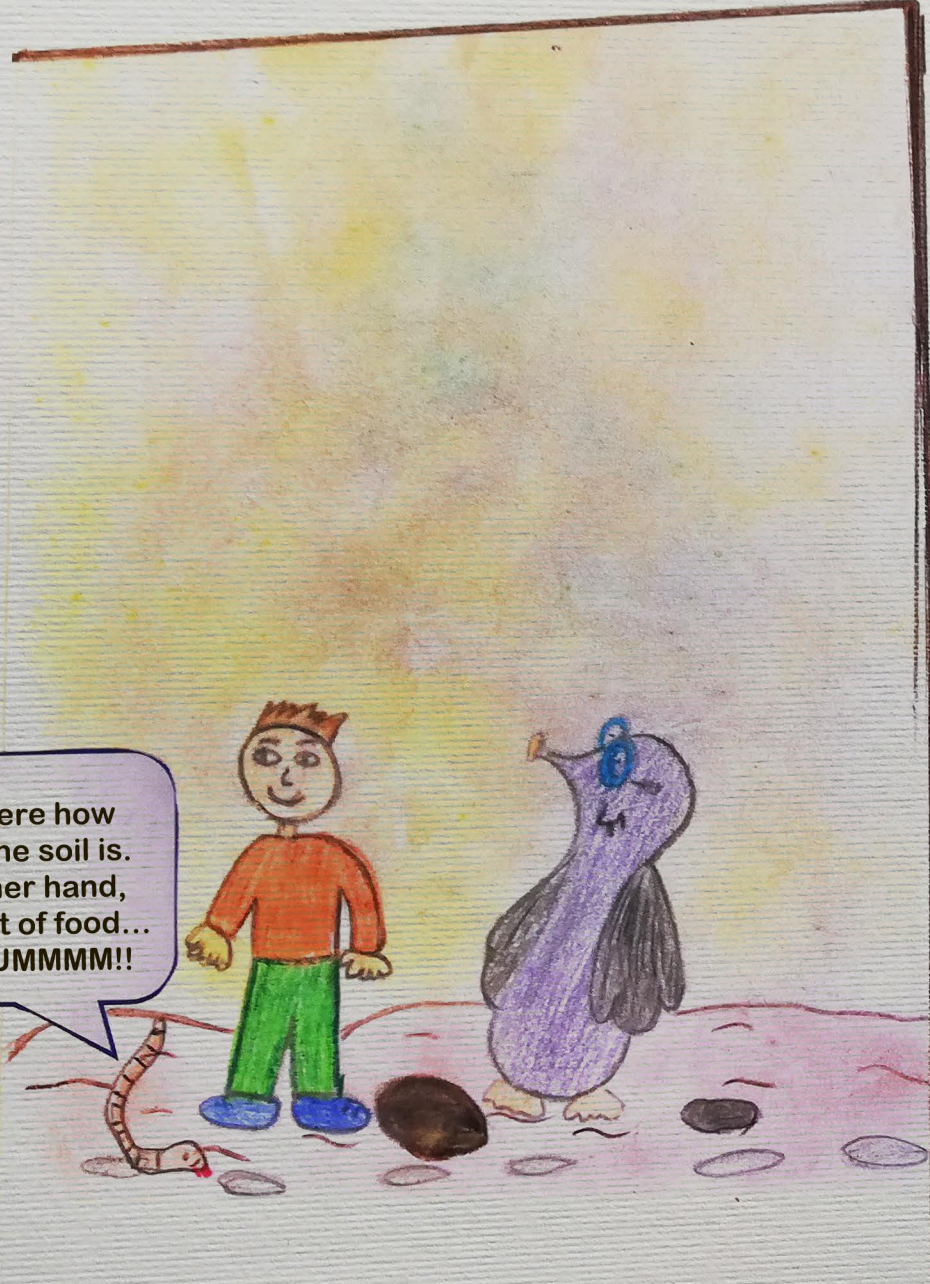
They all are very important because they transform and improve the composition of the soil, making it more fertile.

I introduce some of them:
the dancing mole Sarina,
the springtails Ciro and Cira,
the worker ant Iside,
the pretty spider Cirino,
the greedy woodlouse Mauro,
the singing millepede Fagiolino,
the joker earthworm Nico....




Nico the jooker
What a funny guy...
What are you
playing???

Hey, friends!!! Welcome to our
playground. let's have fun
walking through. let's have fun
dug into the soft and wet soil.
Look how well I glide into it!
What great fun well I glide through
and slipping like that.
Wow!!! It seems moving
on a roller coaster.
Here the soil is soft, so I can
move everywhere.
I feel like being figure skating; ...
.....Come on!!!.....Get rithm!!



Look at here how compact the soil is. On the other hand, there is a lot of food...YUM, YUMMMM!!



Nico, would you like to come with us to have fun on the soil surface?

What? Alright, I accept the invitation. Let's go!



Heeeeeelp!!!
I feel dying in this
dry environment.

SOS Soil

Suddenly a voice said, "NOT be afraid kids", I am the Soil and I am willing to speak to you.

The time has come for me to speak and please listen, **HELP ME!!!!** If you can, I need to breathe because things have been bad for a long time.

Just think, humans use me at their desire and everywhere I am not respected. Everyone cannot give up to mistreat me, to pollute and deposit wastes without shame.....I'm really bad.

"POOR ME" How they have transformed me! but once I was fully appreciated.

Farmers loved me and sowed with the plow without hurting me and besides, they did not use herbicides and pesticides. And today I am ploughed until the bad weather does have flooded me: landslides and floods. No faults of mine. Oh globalised man, how many times have you exploited me for your crazy profits?

And despite the prohibitions imposed by law, the disaster continues over time, depositing all kinds of poisons above and inside me.

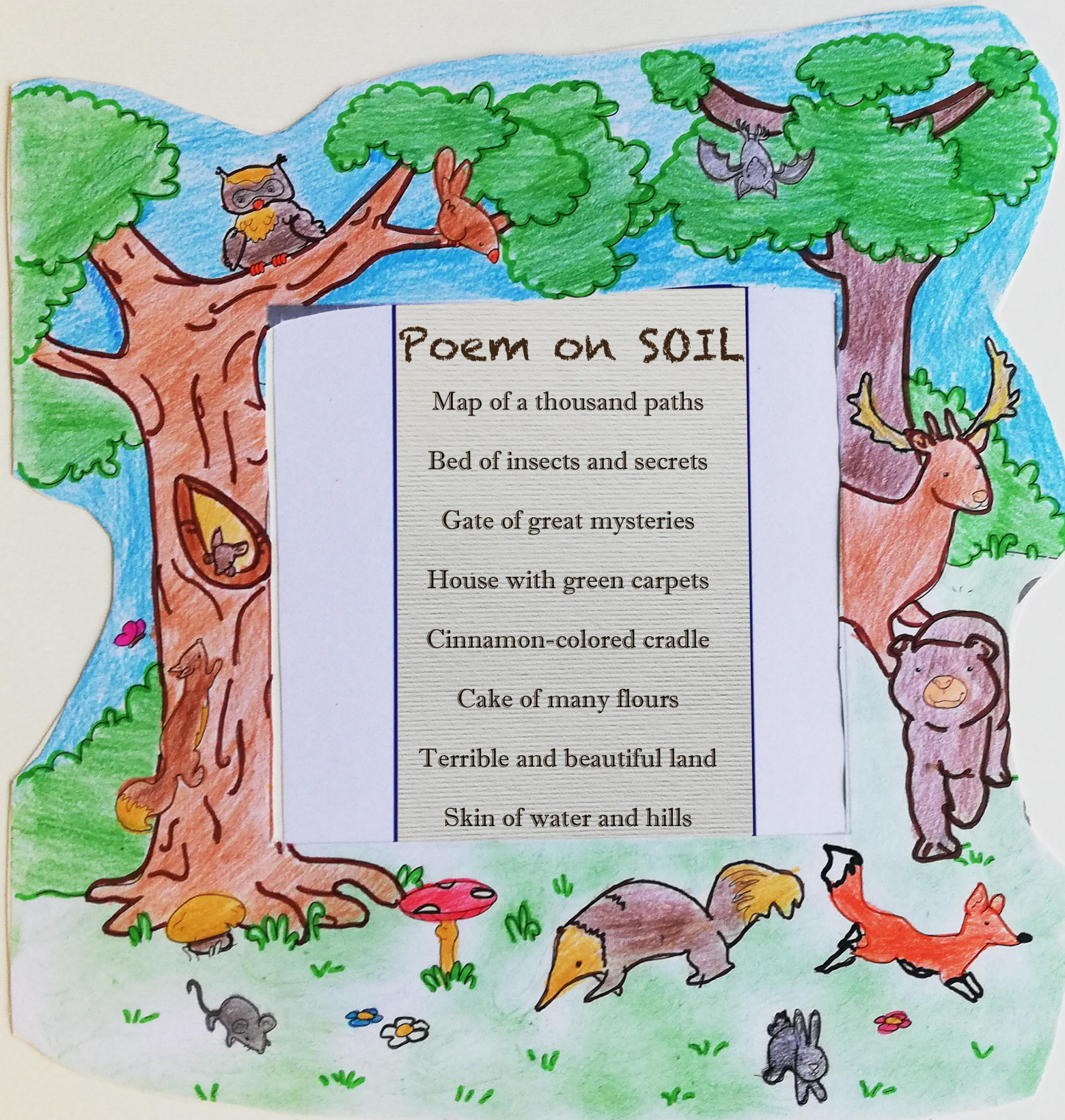
HOW MUCH I'M SUFFERING MY DEAR FRIENDS!!!

I am the god blessed soil that everyone needs, stop abuses!! Stop pollution!! Stop sealing me by housing!! Besides, desertification move forward and suffocate me!!

Poor forest!! You have hosted every living being and now humans attack and burn you. Without you, I cannot shelter from the bad weather.

Now that I have spoken on my sufferings, I want to tell to the world:

HELP ME to SAVE the PLANET!



Poem on SOIL

Map of a thousand paths

Bed of insects and secrets

Gate of great mysteries

House with green carpets

Cinnamon-colored cradle

Cake of many flours

Terrible and beautiful land

Skin of water and hills