

The Adventures

Of

Daisy The Cow

and
Rosey The Horse

A Tale of Energy



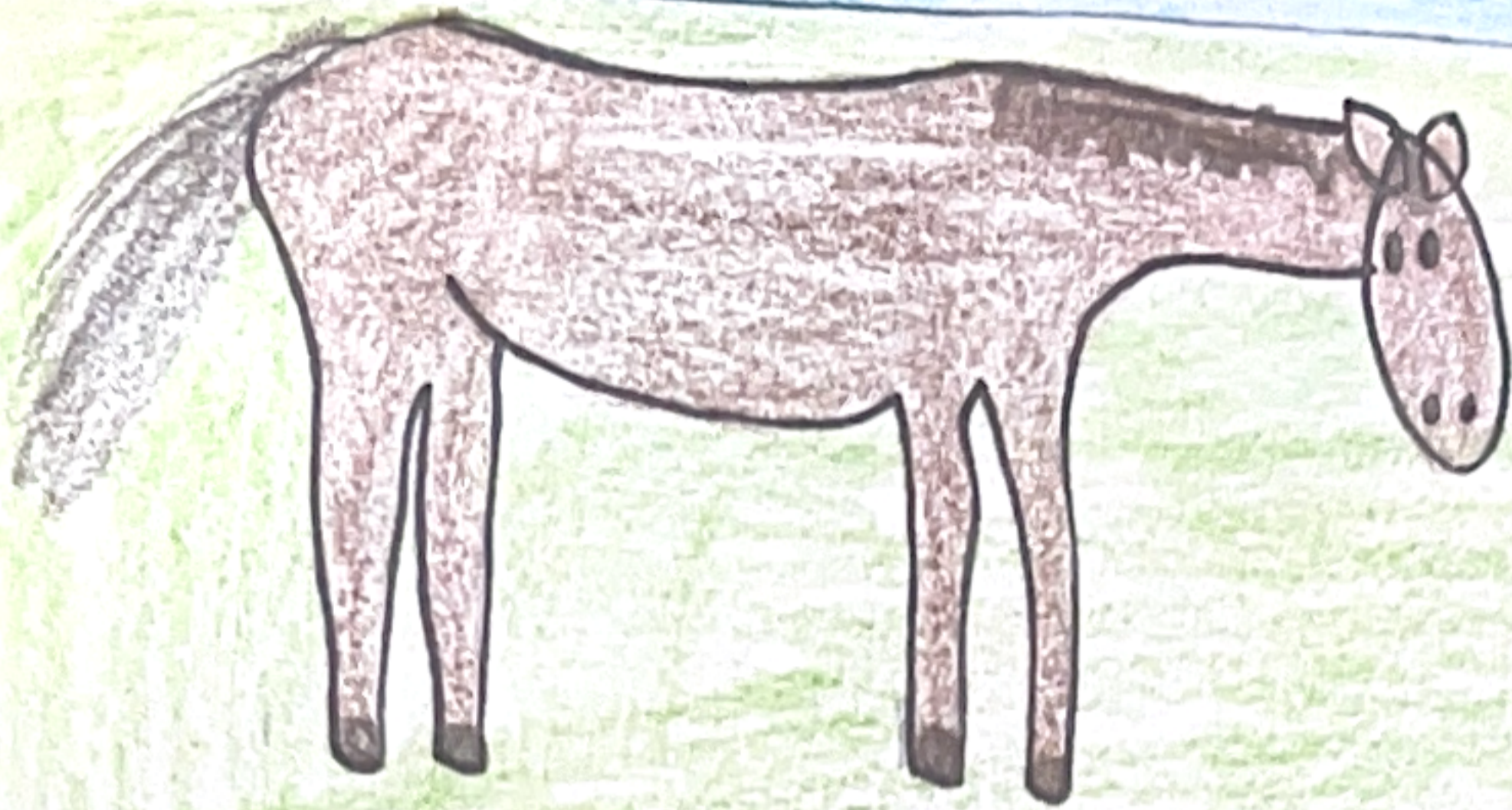
Once upon a time, a horse named Rosey and a cow named Daisy lived on a beautiful farm.



They were best friends and loved playing together.



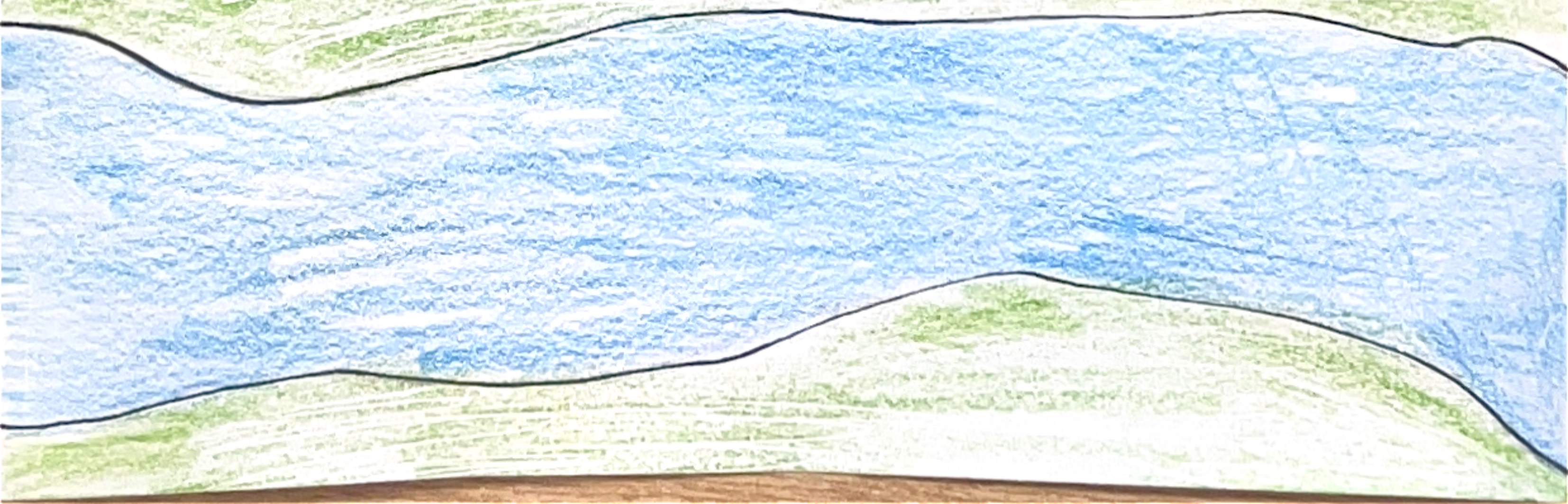
One sunny day, Daisy and Rosey were playing
in the field, full of energy.



They galloped and jumped
hooves poonding the ground



As they played, they
noticed something strange...



The more they played,
the more tired they became.



"Why do we get tired
when we play?"
Said Daisy

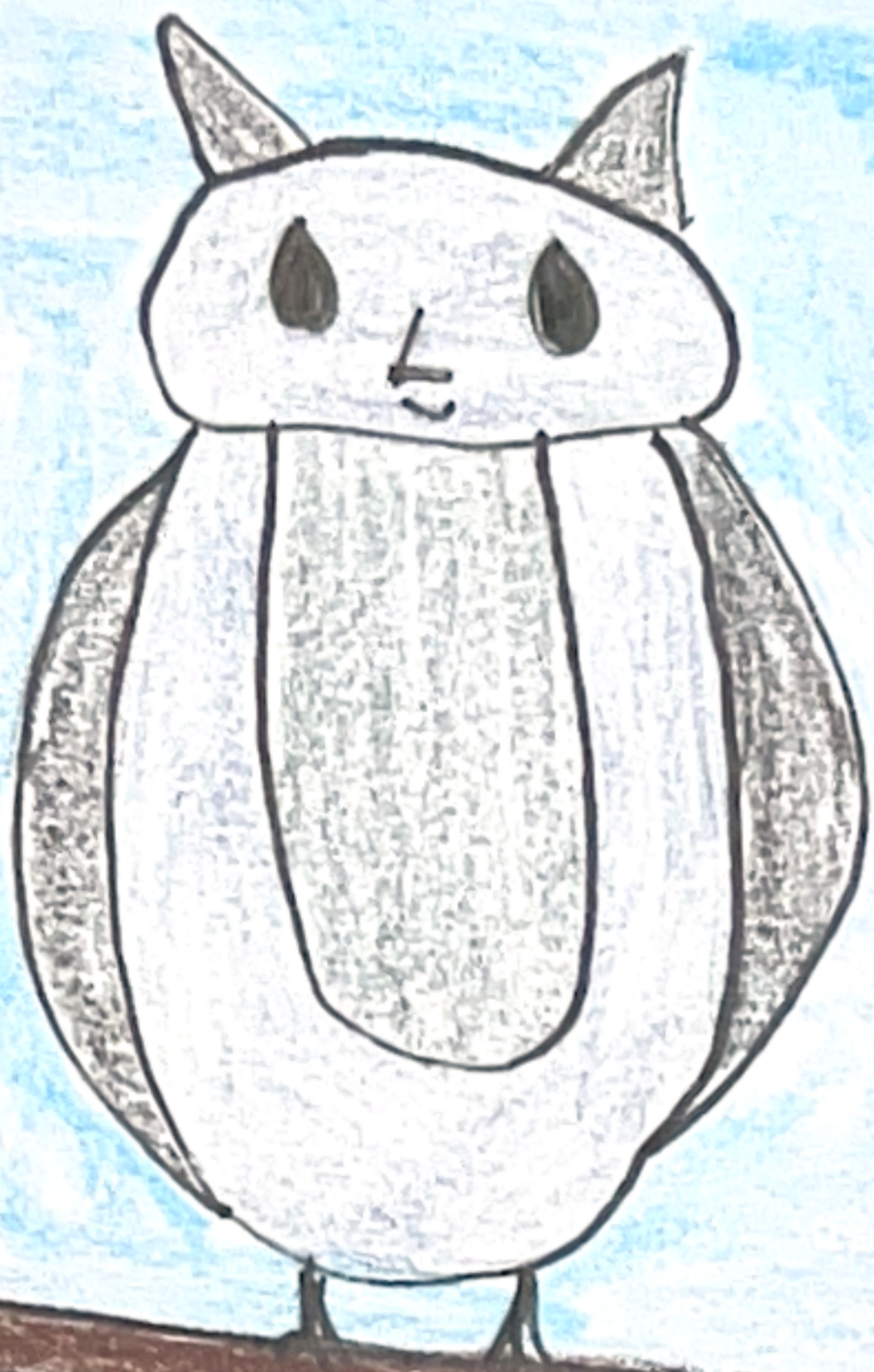


"I don't know, it's like
our energy is running
out!"

Said Rosey



Just then, a wise owl
hooted from a nearby tree.



"Friends, your experiencing
the conservation of energy."
Said the owl

They looked at each other puzzled...

"Whats That?"
Said Rosey and Daisy



"Well energy can't be created or destroyed only transformed
said the owl."



"When you play, you're using energy
from food and transforming it to
energy of movement."



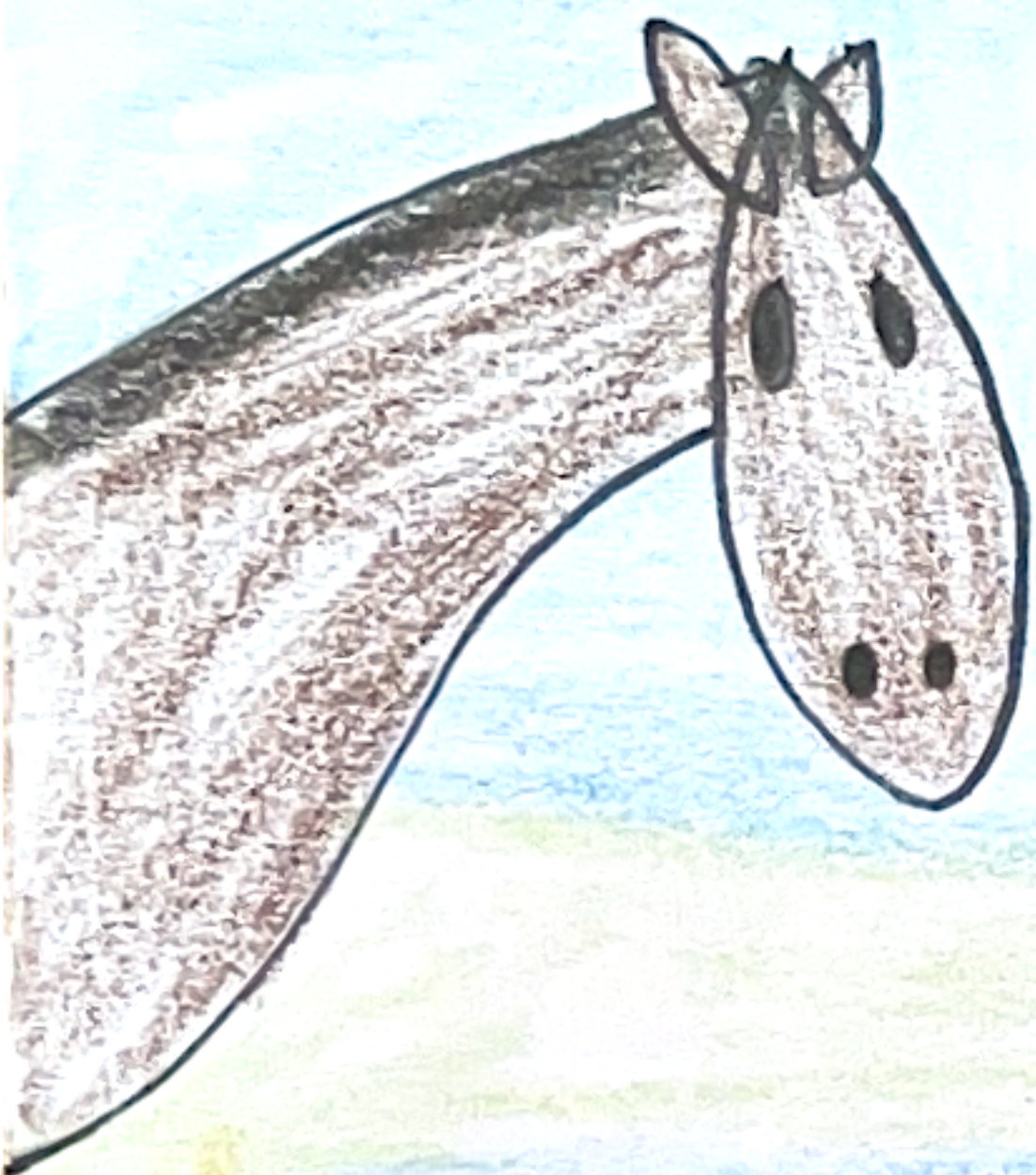
"That transformation
allows you to move!"

"So that's why we
get tired?"
Asked Daisy



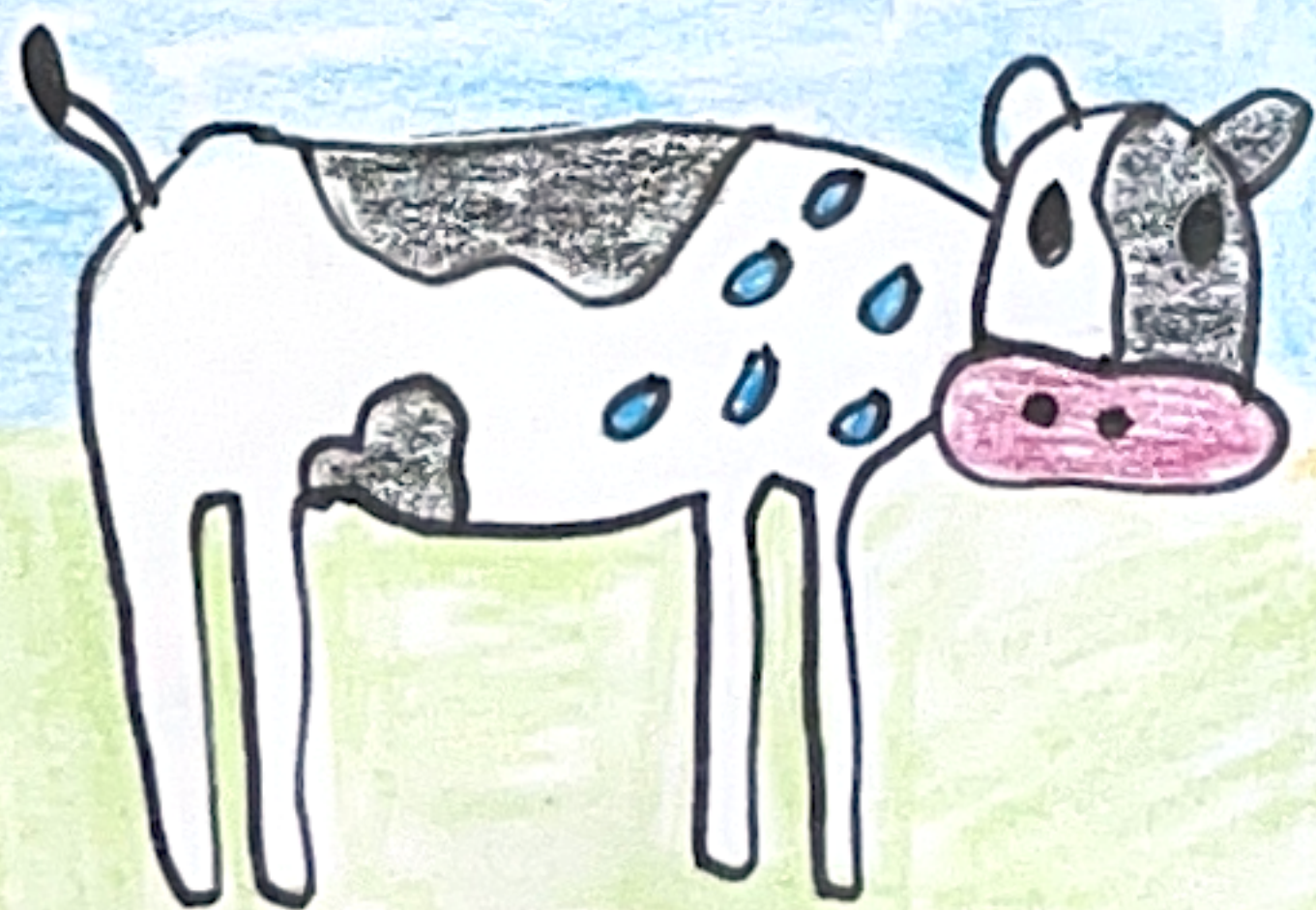
"Exactly!"
Responded the
owl.

"So if we eat more grass
and hay, we will have
more energy to play?"
Asked Rosey



The owl responded,

"That's right! But remember
energy can be transformed
into other things, like heat!
That's why you feel warm
after playing!"



"I see! Do you have any other examples?"

Asked them both.



"Yes, I do! You can see conservation of energy when you run down a hill."

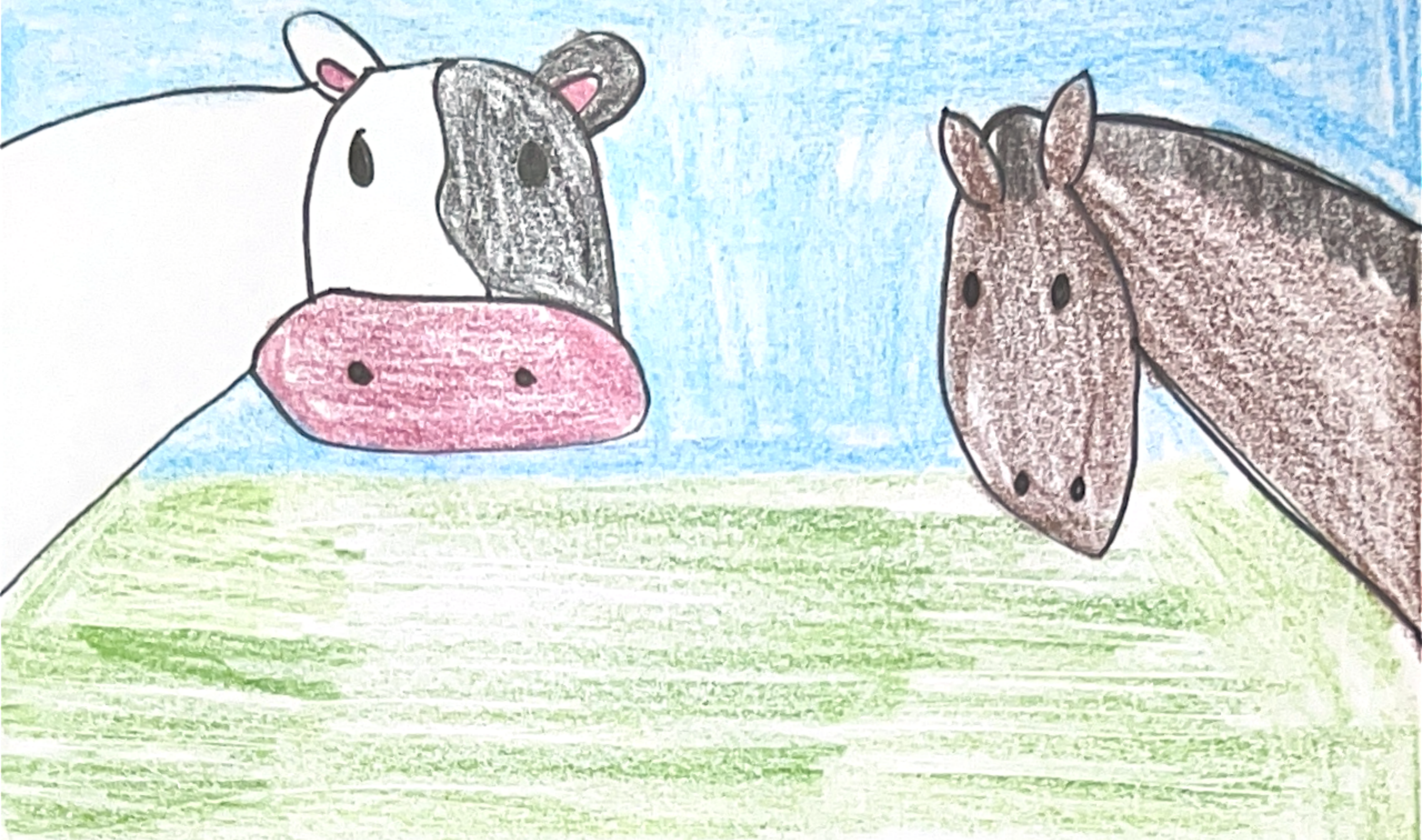


"When you're standing still at the top of the hill you have a lot of potential energy, which is the potential of something to happen. As you run down the hill you use the potential energy and transform it to kinetic energy, this is also known as movement energy. Throughout going from the top of the hill to the bottom, the total energy remains the same. So the energy at the top of the hill is the same as the energy at the bottom of the hill."



Responded the owl.

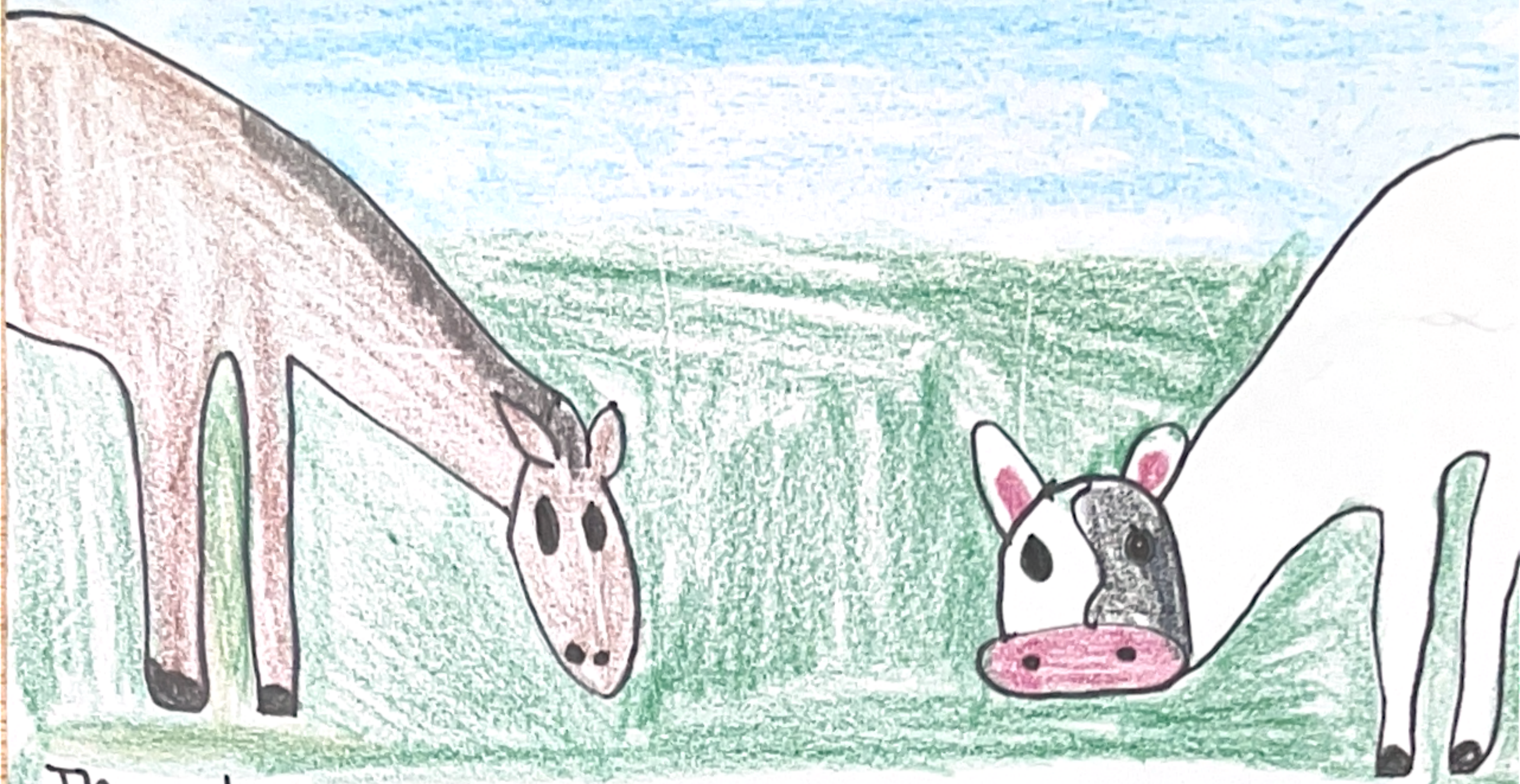
Wow! That is amazing!
I never knew that!"
Rosey and Daisy said together.



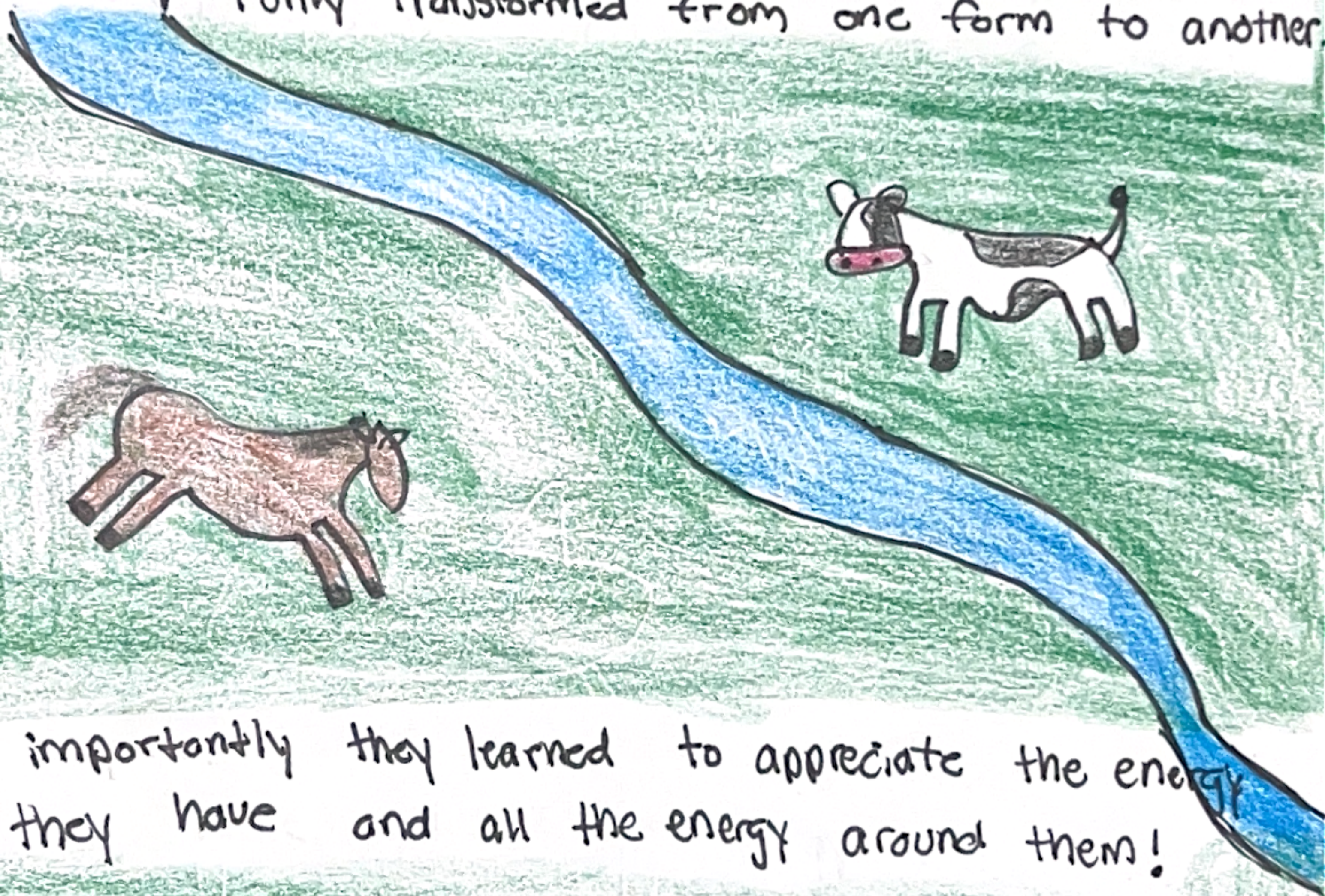
Daisy and Rosey thanked the wise owl and
continued to play, but this time with a new
understanding of energy.



So, Daisy the cow and Rosey the horse learned a valuable lesson about the conservation of energy.



They learned energy is all around us, and can never be destroyed, only transformed from one form to another.



Most importantly they learned to appreciate the energy they have and all the energy around them!