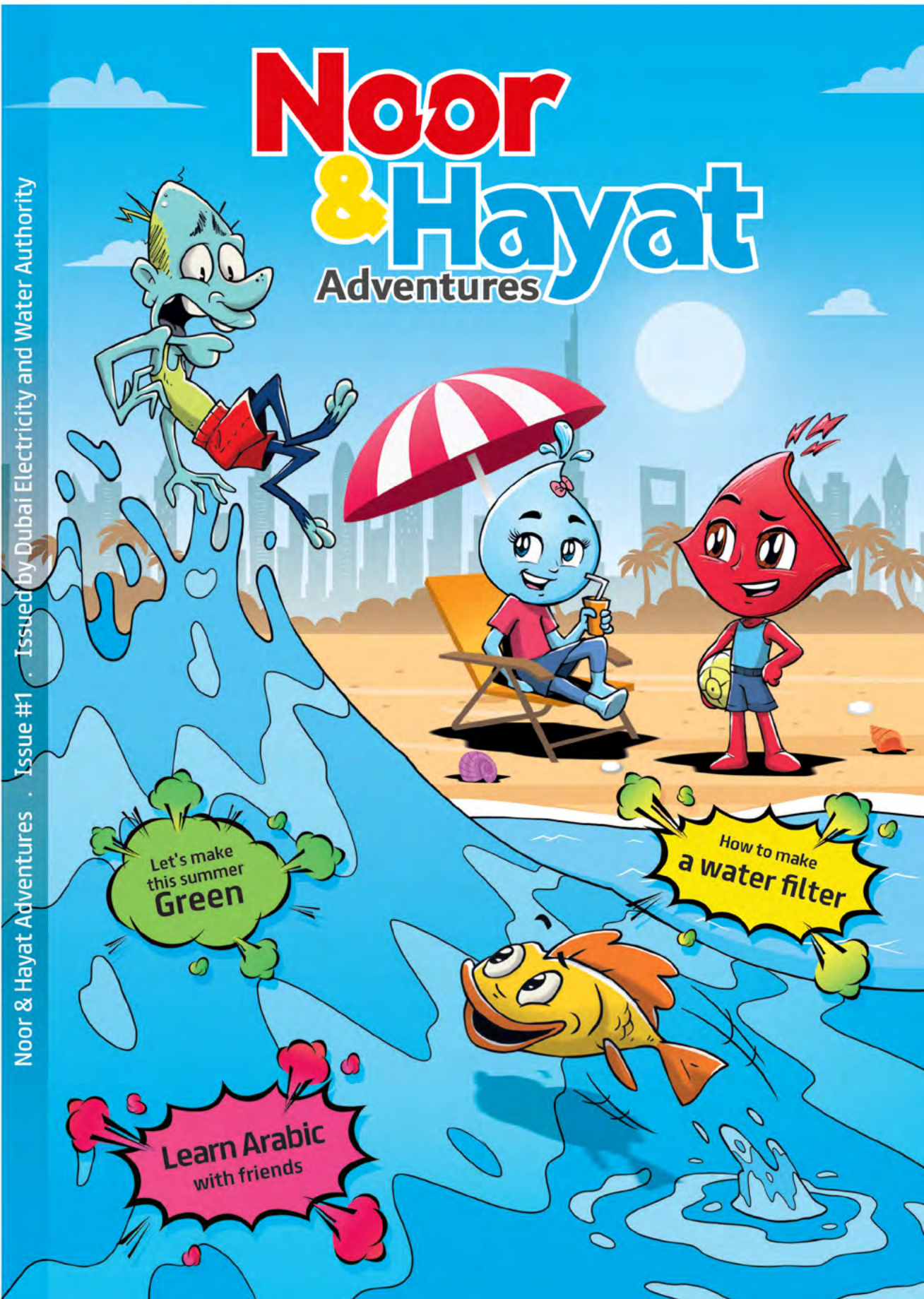
حكومة دبي
GOVERNMENT OF DUBAI

هيئة كهرباء ومياه دبي
Dubai Electricity & Water Authority

Noor & Hayat Adventures



Noor & Hayat Adventures . Issue #1 . Issued by Dubai Electricity and Water Authority

In Dubai City of Happiness

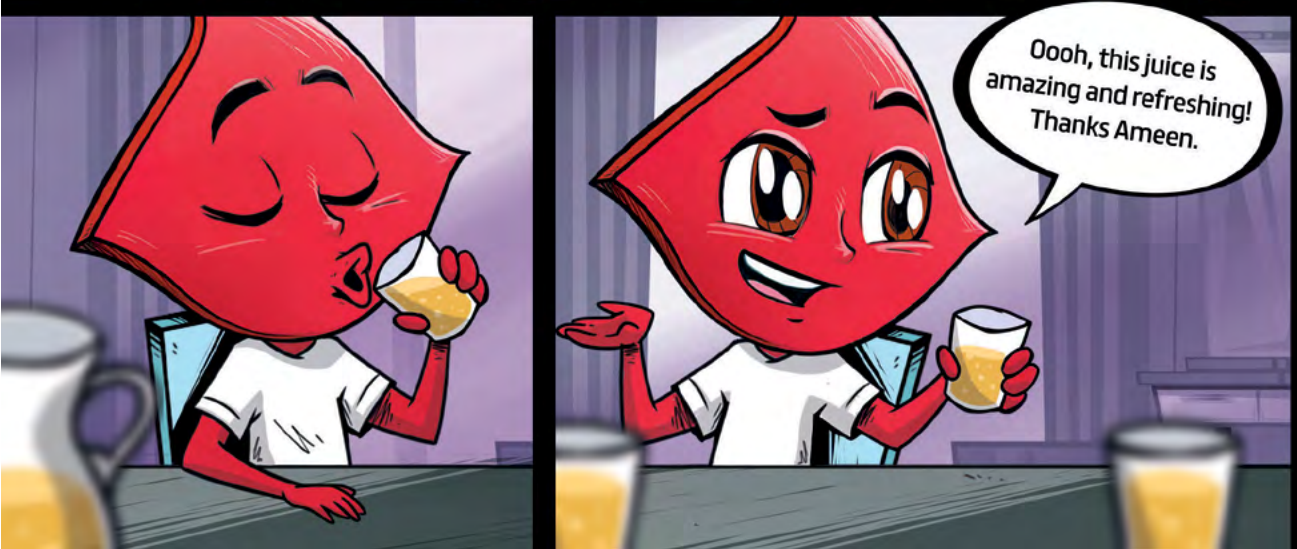
our heroes Noor & Hayat live with their friends

Noor, Hayat and their friends are always looking to protect the environment and conserve energy resources, especially electricity and water. They work together to spread awareness about the importance of conservation and waste reduction.

But Dr. Shararra hates happiness and loves to waste resources, always trying to cause trouble.
Noor, Hayat and their team of friends always stand up to him, foiling his evil plans every time.
Our friends love to create and innovate, always searching for new ways to protect the environment and reduce our planet's pollution.

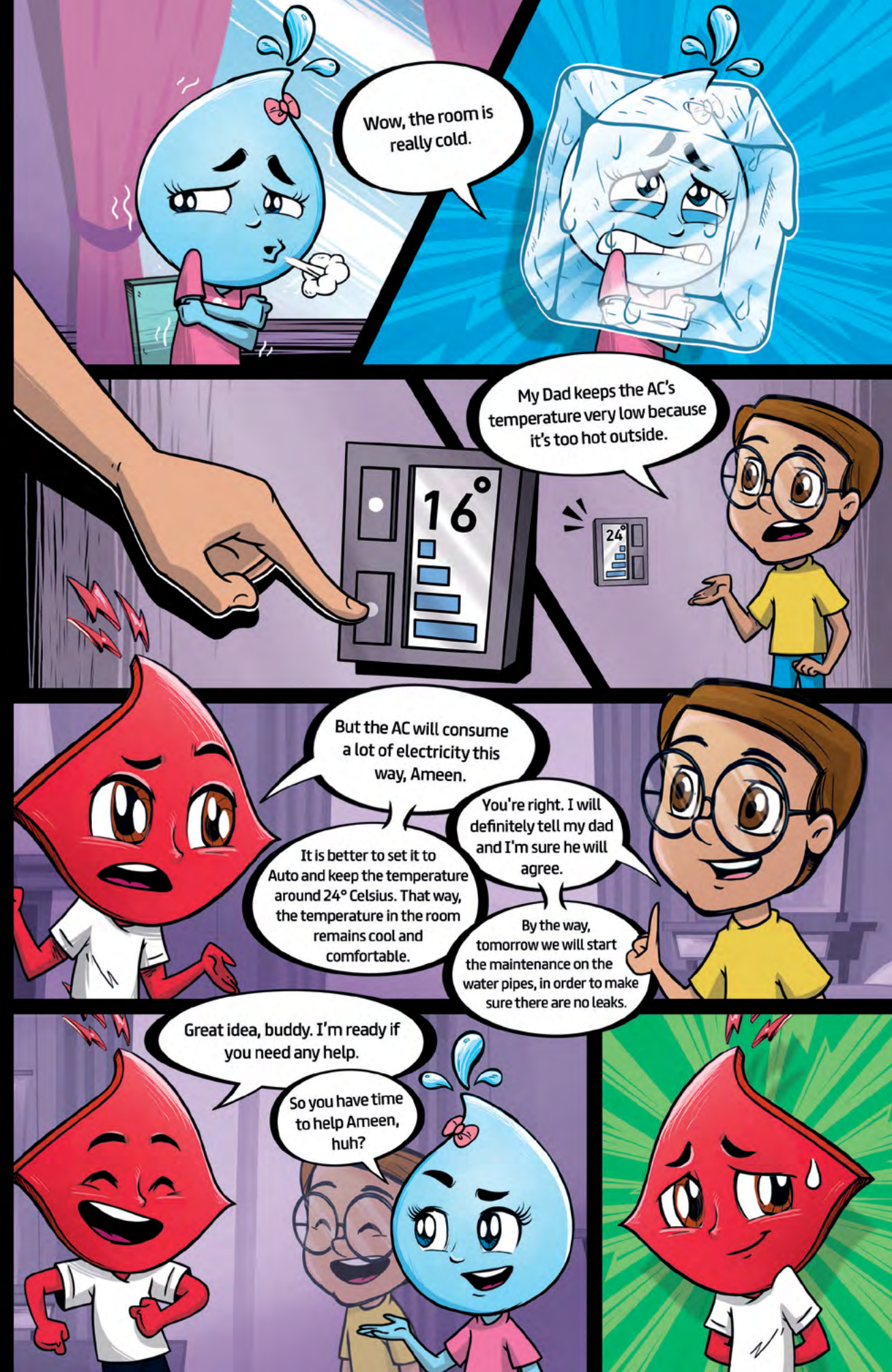
The school year is over at the School of Happiness. Our heroes Noor and Hayat are with their friends, preparing to spend a fun and productive summer vacation. Today, the friends are meeting at Ameen's house to discuss their plans for the summer.

At Ameen's house, frozen drinks are being served to the friends.



So, what are your plans for the summer?
My family and I will be travelling abroad for vacation.
Me too! I'm going to visit my grandma in London.
Cool! What about you, Hamad? What are you going to do this summer?
I'm not sure yet, we might go and visit some cool sites around the U.A.E.
Then who's going to work with me on the "Green Summer" campaign?
We will!!

Don't worry Hayat, I will do everything you ask of me.
On one condition. No mischief!
I promise.
Great! First, I would like you to design a pamphlet for the "Green Summer" campaign where you list the most important elements...
Slow down Hayat, the campaign hasn't started yet!!
Hahahaha
Hahahahaha


Wow, the room is really cold.
My Dad keeps the AC's temperature very low because it's too hot outside.
16°
24°
But the AC will consume a lot of electricity this way, Ameen.
It is better to set it to Auto and keep the temperature around 24° Celsius. That way, the temperature in the room remains cool and comfortable.
You're right. I will definitely tell my dad and I'm sure he will agree.
By the way, tomorrow we will start the maintenance on the water pipes, in order to make sure there are no leaks.
Great idea, buddy. I'm ready if you need any help.
So you have time to help Ameen, huh?

In Shararra's dark cave, away from hope and happiness, poor Sahlool is drowning in despair in the kitchen while preparing Shararra's favorite meal and dreaming of freeing himself from this harsh fate.
World's Greatest Villain
Sahloooool!!

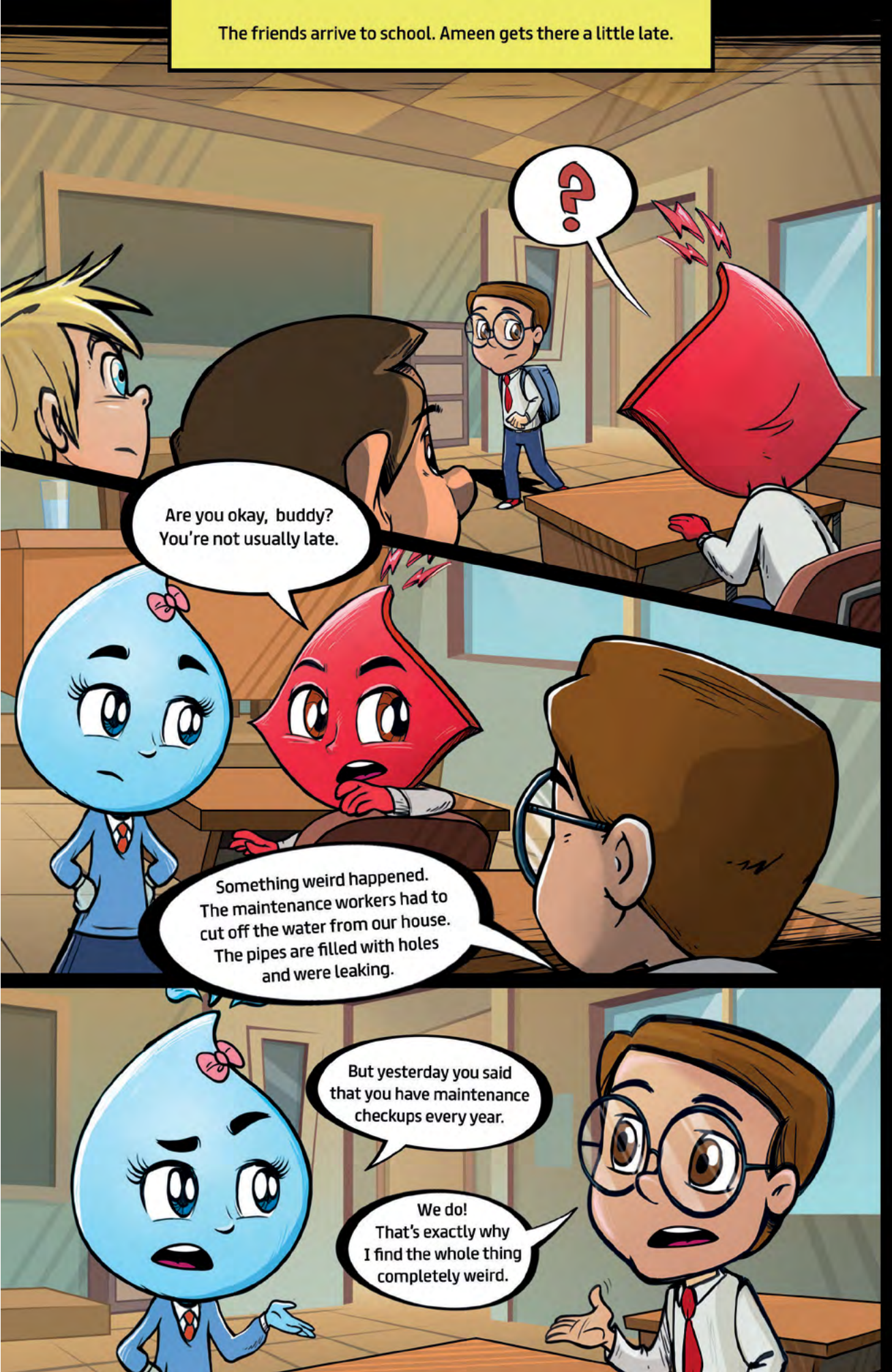
Marvelous, I finished my new invention.
Wait and see what I'm going to do to you, citizens of the City of Happiness!
Go and look for Tabtheer. I need a plan.

Sahlool is curious to know what's under the sheet.
?
Sahlool tries on the electronic suit.

Sahlool starts randomly pressing buttons. The suit roars to life and starts making weird noises that Sahlool doesn't know how to control.
Suddenly, Sahlool has a brilliant idea.
He takes the suit and slips out of the room quietly.

Ameen takes his morning shower, singing and enjoying the water as it splashes over him.
Where did the water go?

He goes downstairs and finds his father standing with the plumber overseeing the maintenance, looking at the exposed water pipes in the ground.


The friends arrive to school. Ameen gets there a little late.
?
Are you okay, buddy? You're not usually late.
Something weird happened. The maintenance workers had to cut off the water from our house. The pipes are filled with holes and were leaking.
But yesterday you said that you have maintenance checkups every year.
We do! That's exactly why I find the whole thing completely weird.

That noise last night... I'm not sure.
What noise?
Last night I thought I heard drilling noises... but then I thought I was dreaming.
Hmm... I'm going to check it out myself tonight.

Sahlool is wearing the suit, looking pretty funny. He sneaks in underground through the piping hole and starts to drill the pipes until the water leaks out...

Ameen wasn't dreaming... there really are strange noises.
Oh No! I forgot to recharge the ship with solar energy!
Nooooo!!
I have survived miraculously.
What's this hole?
And what's that sound?
I'll go and check out the source of the sound.

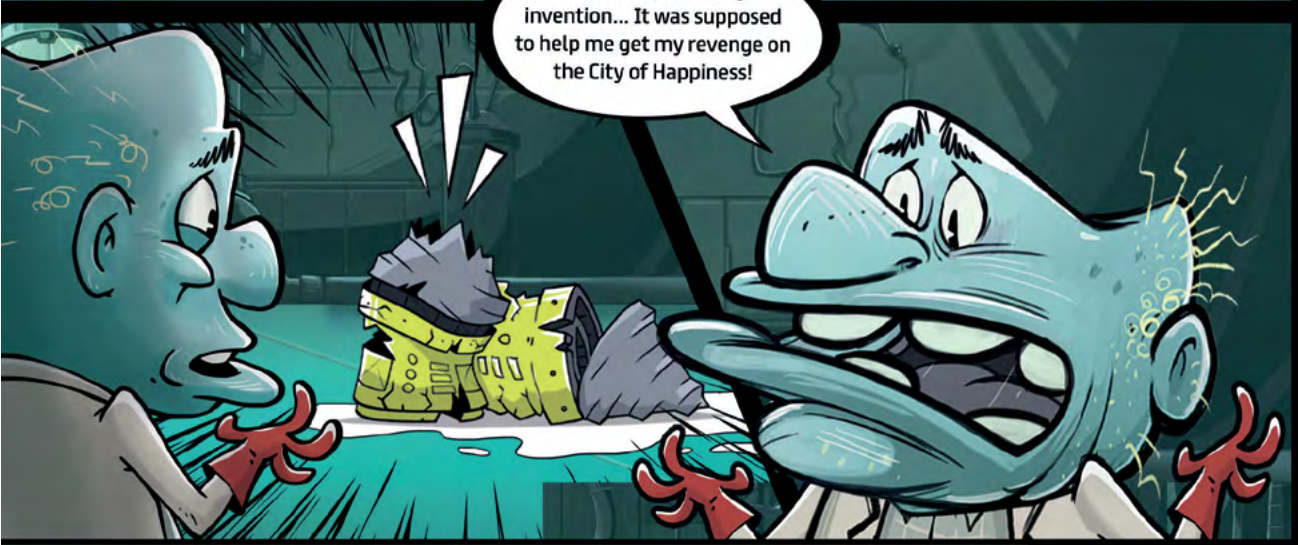
Noor follows the drilling sounds, as water pours down on him from all around.
I feel my energy starting to decrease.
I think the sound is coming from here.
Who are you? What are you doing here? And why are you wasting our city's water?

There's no way out, I can't move.
Hayat, I'm in trouble! Please hurry, there's water everywhere!
I have to call Hayat to the rescue!
Hayat arrives and relieves the water before she pulls Noor out to safety
Why did you go in alone, Noor? We're a team! We're supposed to work together.
You're totally right, Hayat. I'm so sorry.
But right now you have to find the evil creature and stop him quickly.
Don't worry, I will.

Hayat goes back underground, surfing on a wave.
The sound is coming from this side.
I found you, troublemaker!
Noooooo!!
Sahlool tries to run away but he trips and is carried far away by the strong waters before he disappears.

Thank you for saving me, Hayat. And sorry again for not telling you earlier.
Don't worry, Noor. The important thing is we managed to stop the perpetrator.
We'll start a campaign in the neighborhood to warn our neighbors to check their pipes and fix the holes.
Yes. But who is this troublemaker... and who would want to waste water like that?

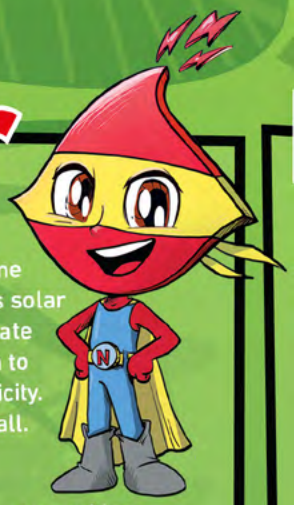
Sahlool comes back to the cave, defeated and disappointed, only to find Shararra waiting for him behind the door. He starts scolding him again.



Shararra's face is bright red and about to explode from anger. Suddenly, drops of water start falling on his head.

What is this flowing water? Where is it coming from?
It seems I have destroyed the lab pipes too.
Sahlooool!!
The water pipe explodes, soaking Shararra from head to toe and drowning his anger.

Noor



Noor's superpowers come from the sun's rays. This solar power allows him to create energy. It also helps him to control energy and electricity. Noor loves to play football. He also enjoys helping others and going on adventures! But Noor can be reckless at times! He enjoys learning about technology! And his invention to support Electric Power Conservation proudly received "Engineer of the Future" award at the DEWA Summer Camp.
Since Noor receives his power from the sun, he can become vulnerable if his powers diminish and he is unable to recharge.

Hayat

Hayat's superpower is the ability to control water.
She uses this power to do things that help protect water like keeping it clean, and making sure it is not used carelessly or wasted.
She can turn a single drop of water into a waterfall! This amazing power can provide for many people! It can also help Dubai grow into a greener and more fertile land.
Hayat is both creative and brave. She loves water activities like sailing. Her favorites spots in Dubai are the Dubai Creek, the Dubai Aquarium and the Dubai Mall Skating Rink. Just like us, Hayat gets weaker when she is dehydrated or in the sun for too long.

Fun Facts

You can generate electricity through Hydropower energy. This occurs when water is used to activate water turbines connected to electric generators. There are many Hydropower plants active around the world.

You also need water in cooking. Steaming and boiling food are common cooking techniques. After all, you need water to make pasta, right?

You can also have tons of fun by trying out all sorts of water activities and aquatic sports like swimming, surfing, or even water boarding.

You can conserve up to 160 gallons of water per month simply by turning the faucet off while you brush your teeth or shampoo your hair.

A small leak can cause a huge water waste and increase your water bill.

Our friends want to learn Arabic!

Hello friends!

Today, we're going to learn new words that you can use when you participate in our Green Summer campaign.

You will find the Arabic words on one side and their English counterparts on the other side.

أنابيب Anabeeb	Travel Tips
ساعة الذروة Saa't althorwa	Resources
نصائح السفر Nasayeh alsafar	Leakage
مكيف Mukayef	Pipes
موارد Mawared	Peak Hour
تسرب Tasarob	Air Conditioner AC

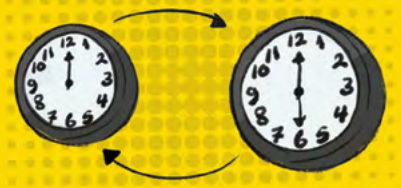
To the Games & Inventions Section

Let's make this summer green

During summer, we consume more water and electricity for longer periods of time, which can cause a lot of energy waste.
Join the "make this summer green" initiative for a happy and green future.

Some easy steps you can take

Try not to use all electric devices and toys at the same time



Try to avoid using electricity between 12 pm and 6 pm during summer

Make sure all lights are turned off when you leave the room

Set your air conditioner to 24°C

Turn off the air conditioner when you leave the room

Water the garden and plants in the evening or early morning to minimize water evaporation

Make sure to close all windows and doors to avoid air leaks

How do I conserve Water and Electricity during the holidays?

Did you know you can contribute to the "Green Summer" initiative even while you're away on holiday?
Make sure to follow our simple tips before leaving home and make a direct impact on the preservation of the City of Happiness' resources!

Energy Conservation

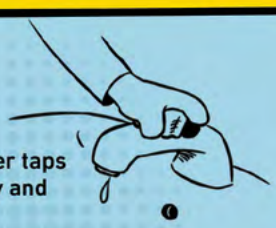
- ✔ Make sure to turn off all the lights.

- Make sure to unplug all unnecessary electric devices that consume a lot of energy such as televisions, electronic games and computers.

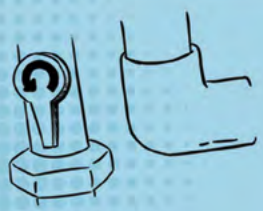
- Ask your parents to unplug the oven, water heater and air conditioners.

Water Conservation

- Close all water taps very carefully and very tightly.



- Check the water pipes in the kitchen and bathrooms to make sure there's no leakage anywhere.



Hey there!

Did you know that the drinking water we consume every day undergoes a process called "filtering"? This allows the water to be cleaned of dirt and microbes we might not be able to see, purifying the liquid and making it safe for consumption and use.

This also helps preserve the water's natural resources and minerals.

Today, we are going to see how we can make a "filter" similar to the ones used at home.

You will need

A coffee filter
(ask your parents to give you one of the sheets they use to make coffee)

A large 2-litre plastic bottle
(you can use a family-sized sparkling water bottle)

Polluted water that contains visible dirt

Some sand

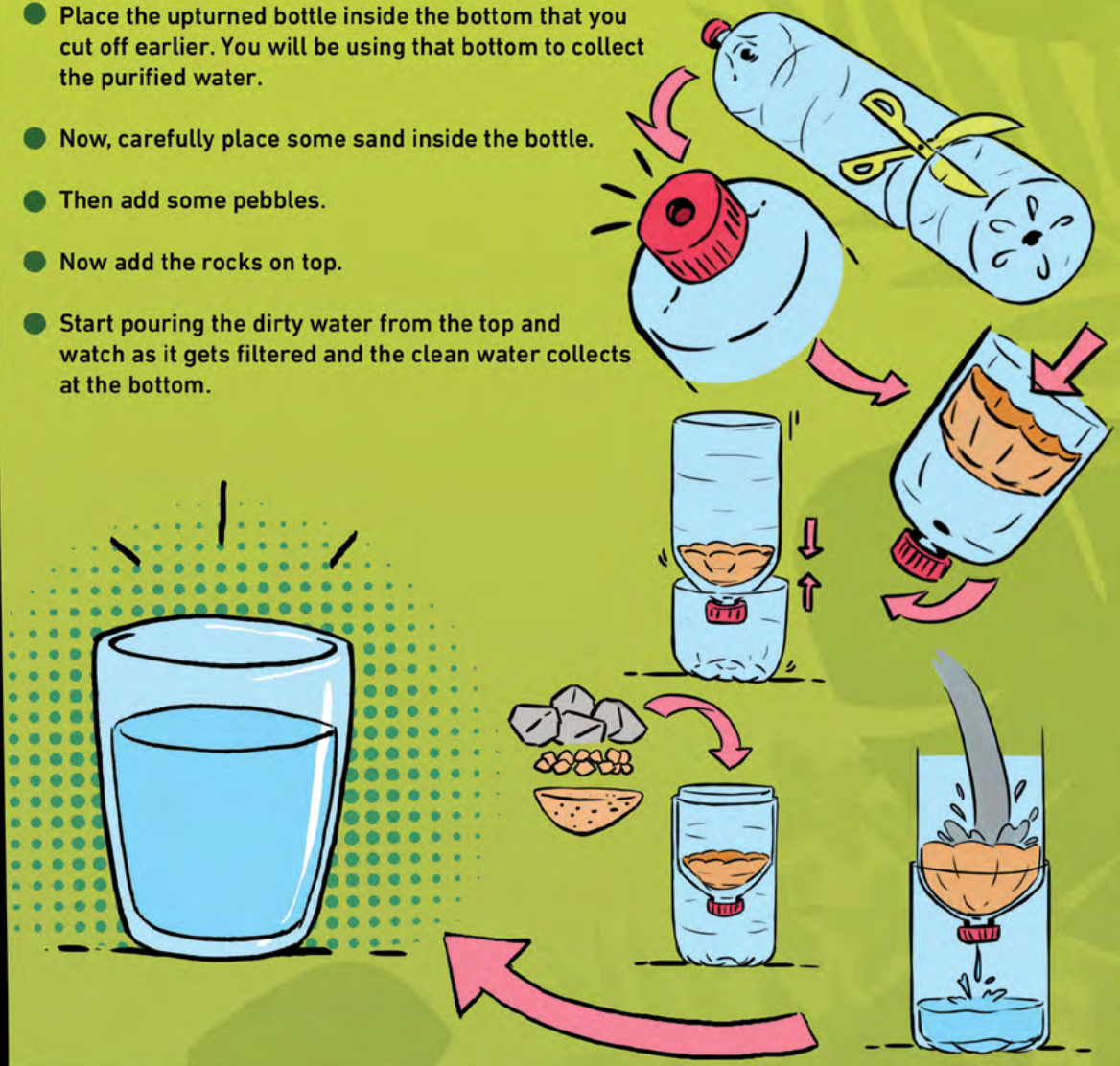
Some pebbles

Some rocks

A pair of scissors

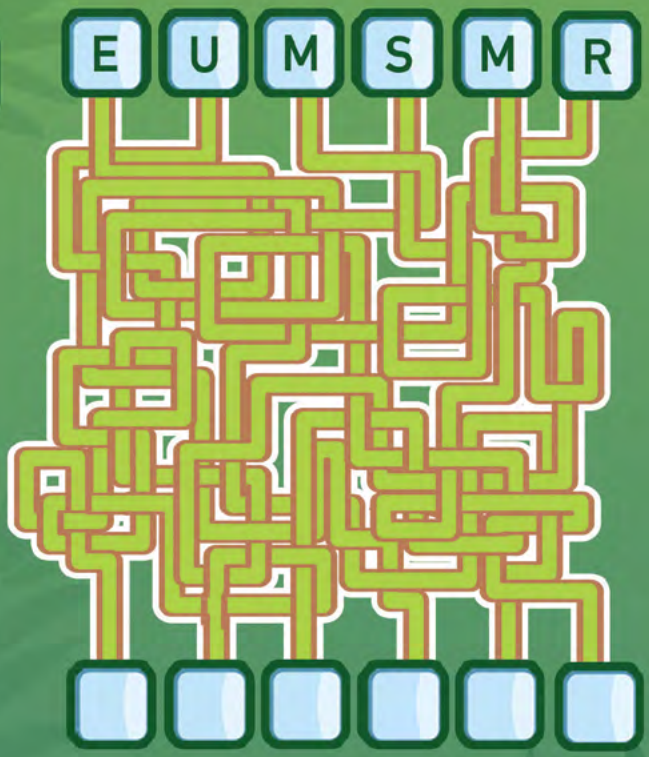
How to do it

- With the help of your parents, cut off the bottom quarter of the bottle.
- Drill a hole in the bottle's cap. Be careful when using the scissors.
- Place the coffee filter inside the bottle towards the top.
- Turn the bottle upside down so the cap is at the bottom.
- Place the upturned bottle inside the bottom that you cut off earlier. You will be using that bottom to collect the purified water.
- Now, carefully place some sand inside the bottle.
- Then add some pebbles.
- Now add the rocks on top.
- Start pouring the dirty water from the top and watch as it gets filtered and the clean water collects at the bottom.



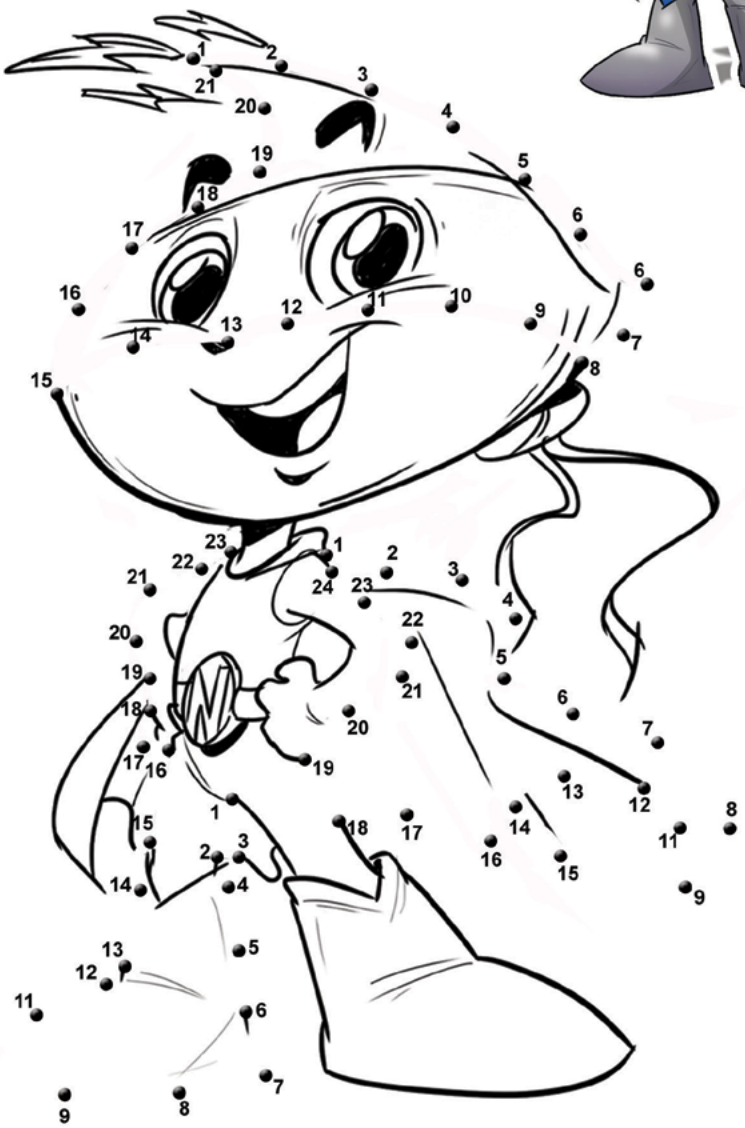
The 10 Differences

The Missing Word



Connect the Dots

Connect the dots following the correct order of the numbers to reveal the superhero hiding on the page.



Word Search Game

Come on, my friends! Find all the words in this puzzle.

E	V	A	W	O	P
R	N	I	G	K	I
P	E	E	A	G	P
B	Z	M	R	B	E
E	X	E	M	G	S
T	E	Y	W	U	Y
N	R	N	T	E	S

Energy

Green

Wave

Pipes

Summer

Noor & Hayat Adventures

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The Maze

Noor and Ameen are planning a trip to the water park for some holiday fun. Help Ameen complete the maze and overcome Dr. Shararra and his gang to reach his final destination.

Watch out for Shararra and his pranks as he tries to stop you from reaching the end!

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See you
in a new adventure!

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