

GUZZLER'S PARTY!

Learn how to save energy



Written by

LUCINDA JACOB

Illustrated by

ALAN NOLAN

seai SUSTAINABLE
ENERGY AUTHORITY
OF IRELAND

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WE USED CARBON BALANCED PAPER TO PRINT THIS BOOK, CERTIFIED BY THE WORLD LAND TRUST

GUZZLER'S PARTY WAS PRINTED USING ECO-FRIENDLY VEGETABLE PRINTING INKS



WE OFFSET THE EQUIVALENT OF 652KG OF CARBON DIOXIDE WHICH WILL ENABLE THE WORLD LAND TRUST TO PROTECT 457M² OF CRITICALLY THREATENED TROPICAL FOREST

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Sustainable Energy Authority of Ireland
3 Park Place
Hatch Street Upper
Dublin 2
D02 FX65

Tel: +353 1 808 2100

Email: schools@seai.ie

Website: www.seai.ie/schools

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Editing: Orla Kelly, DCU

Written by **LUCINDA JACOB** Illustrated by **ALAN NOLAN**

Edited by **ORLA KELLY**

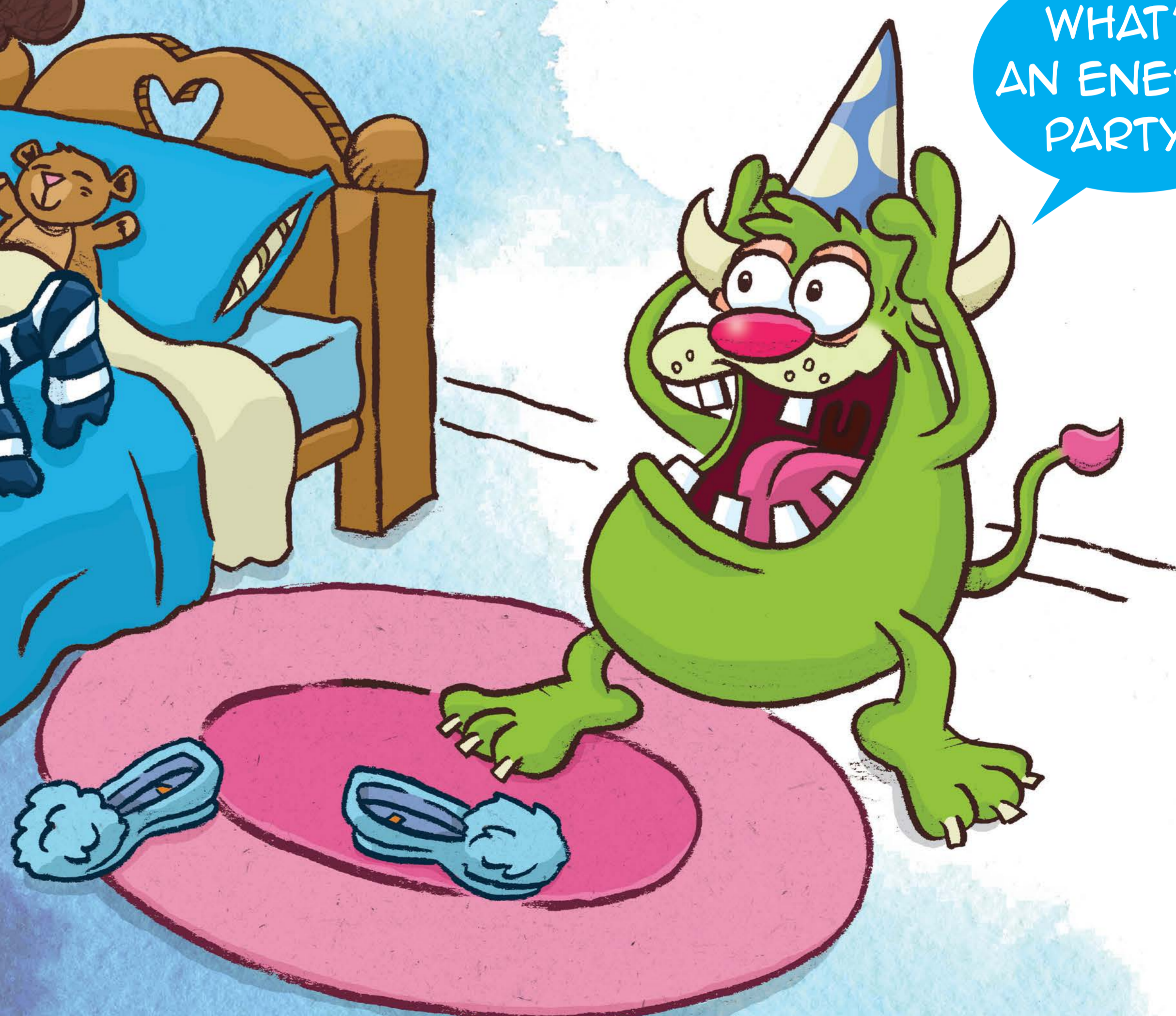


‘Get up, Guzzler! The sun is up,’ said Alina,
‘The party is today! We’ve lots to do and
a lot to learn about energy!’

‘I love parties,’ said Guzzler. ‘Is it my party?’

‘Yes, it’s an “energy party” – for everyone,’
said Alina.

WHAT'S
AN ENERGY
PARTY?





‘It’s a party to celebrate how we’re all using and saving energy,’ said Alina. ‘Eat up! This yummy food and drink will give us the energy we need this morning.’

It’s time to go to school...
How will we get there?

Me and you,
and Guzzler too –
what will
we do?

We can...

... go in a car.

Cars use energy from fuel to take a few people.



We can...

... go on a bus. Buses use energy from fuel to take a lot of people.

We can...

... go on a train. Trains use energy from fuel to take even more people.



Or ...

We can...

... use the energy from our
breakfasts to walk or hop
or run or jump or tumble –

or scoot!

or cycle!

‘Oh, Guzzler! Your hat! There’s a lot
of energy in the wind today.’



'We're learning how plants use the sun's energy to grow,' said Alina.



Some of the energy in plants that grew long, long ago turned into fossil fuels. Like peat, coal, oil and gas.

We use fossil fuels for lots of things, but burning them is bad for the environment. So we need to use less.

ALINA, IS IT TIME FOR THE PARTY?



'Not yet,' said Alina.

Me and you, and Guzzler too – what will we do?

We can...

... grow some of
our own fruit and
vegetables.

We can... grow a mix of flowering plants
for bees and other insects to pollinate.

We can... make a water butt to collect rainwater
to water our plants instead of using tap water.

When we grow our own food or it
grows near us it doesn't have to travel
far. That helps us use less fossil fuel.

COME
TO OUR
PARTY!

But we still need
to use less.

Me and you, and Guzzler too –
what will we do?

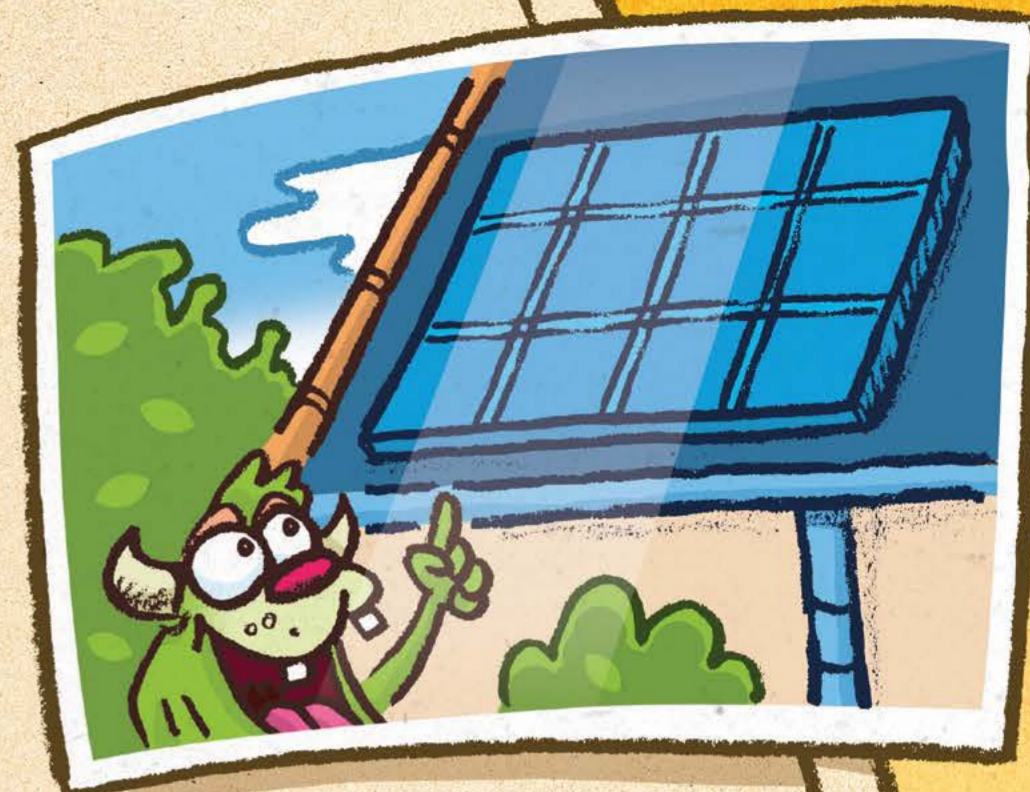


We can... switch to renewable energy like wind and solar to power our lights, fridges, toasters, kettles and all our screens...



The energy comes from wind turbines and solar panels – like we saw on our school trip!

Me and you, and Guzzler too – what will we do?



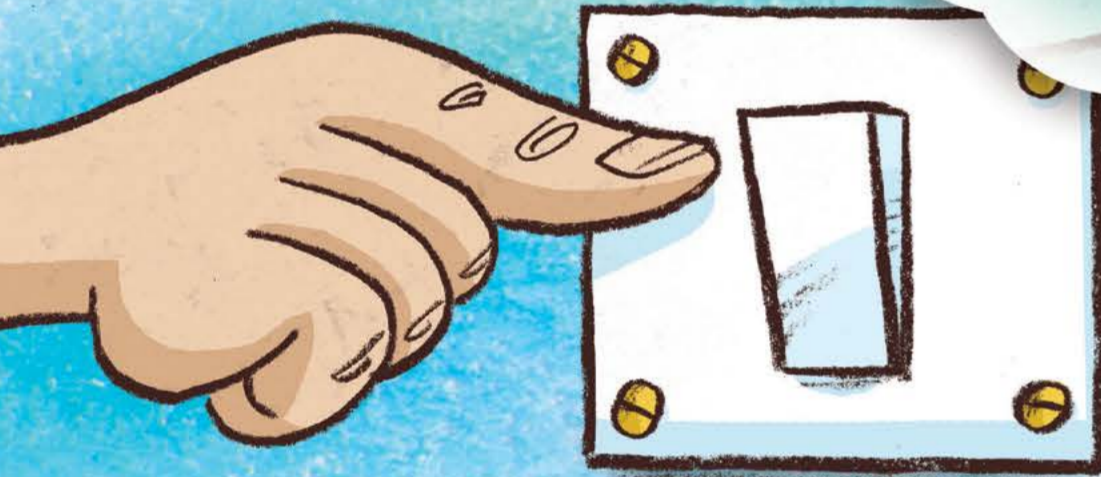
IS IT TIME FOR THE PARTY?





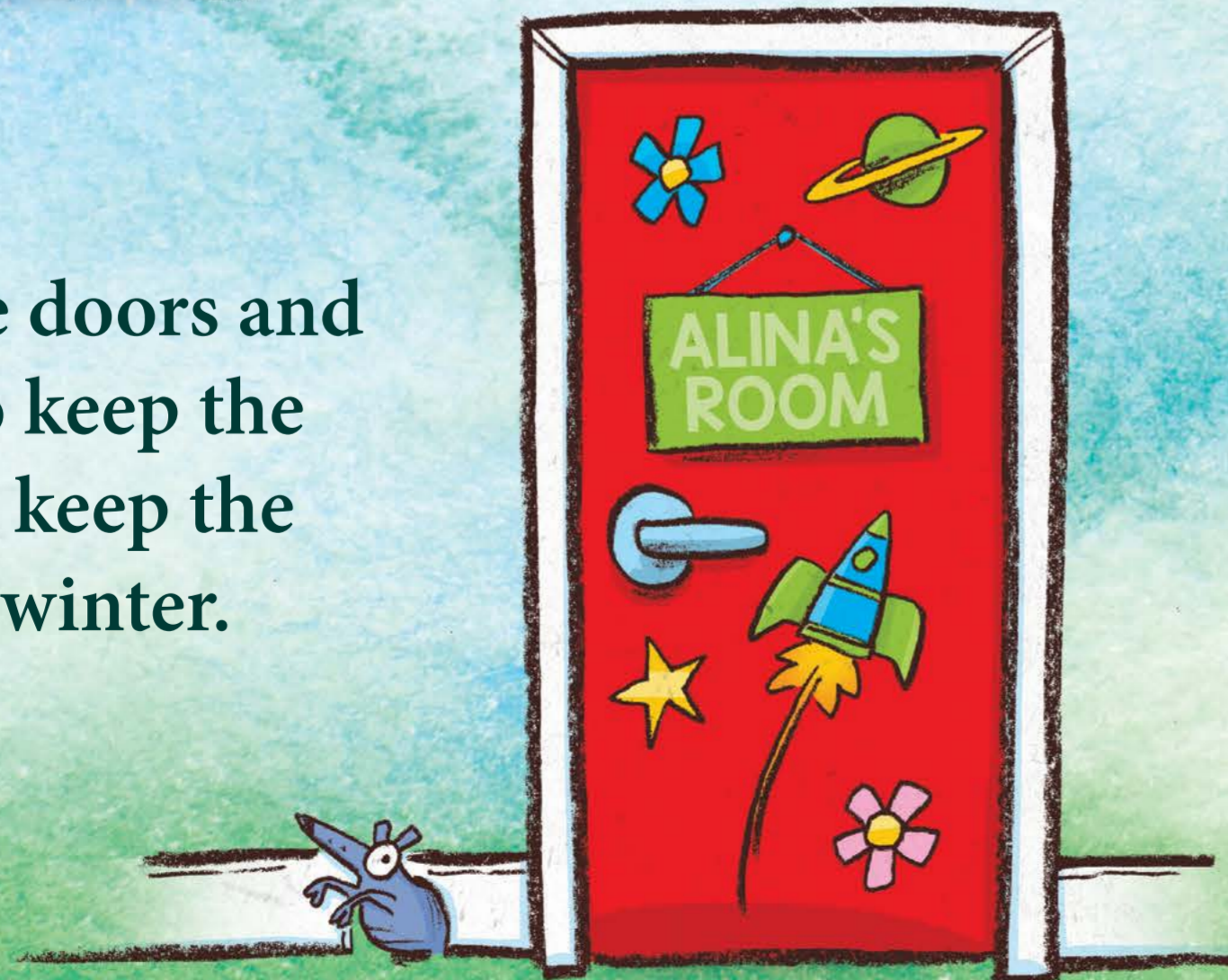
We can... refill drinks bottles and use reusable containers for our lunch in school and on days out.

We can...
... turn the taps off to save water.



We can... switch the lights off when we don't need them.

We can...
... close the doors and windows to keep the heat in and keep the cold out in winter.



IS IT TIME FOR THE PARTY?



'It's home time!' said Alina.

Me and you, and Guzzler too –
what will we do?

We can...
... use renewable energy to heat
our homes, schools and shops.

We can...

... insulate our buildings – just like
we put on warm clothes to
save energy and keep warm!



IS IT TIME
FOR THE
PARTY?

'Not yet, and I'm too
hot now,' said Alina.

Me and you, and Guzzler too –
what will we do?

We can... stop and rest and cool down.

We can...

... turn the heating down.

We can...

... go for a swim!

We can use renewable energy
to heat our swimming pools.

‘That’s better,’ said Alina.

IS IT
TIME
FOR THE
PARTY?

‘Not yet, but we
need to get ready!’ said Alina.

‘Me and you, and
Guzzler too – what will we do?’



We can...

... go to the library!

Libraries are great for reusing books.

We borrow them, read them,
then bring them back so
someone else can use them!

IS IT
TIME
FOR THE
PARTY?

‘Not yet, but it’s time to shop!’

‘Here’s a book with a cake recipe
in it,’ said Alina. ‘It shows how
to make pizza too.’

Me and you, and Guzzler too –
what will we do?



We can...

... choose food that hasn't come from far away.

We can...

... choose things with less packaging.

... or with packaging that
can be reused or recycled.

IS IT
TIME
FOR THE
PARTY?

Soon,' said Alina.
'Let's go home and
cook.'



Me and you, and
Guzzler too –
what will we do?

We can...

... use some of the things we grow
for the pizza topping.

We can...

... save energy if we cook the pizza
and the cake at the same time!

IS IT TIME
FOR THE
PARTY, ALINA?

‘Not long now, Guzzler, but first
we need to clean up!’ said Alina.
Me and you, and Guzzler too –
what will we do?



We can...

... sort what we used into things we can use again...

... and things we can recycle.

Composting is recycling.

Worms and other tiny living things turn food and vegetable waste into food for plants!

'That's great!
Nothing for the rubbish bin,' said Alina.

IS IT TIME
FOR THE PARTY
NOW?

'YES! Let's go!'
said Alina.



Me and you, and Guzzler too –
what will we do?

At LAST...

WE CAN PARTY!

WELL DONE, EVERYONE! WE'VE ALL USED AND SAVED OUR ENERGY WELL. LET'S CELEBRATE!

WE CAN...
... EAT AND DRINK AND DANCE AND PLAY GAMES WITH ALL OUR FRIENDS AT OUR...

ENERGY PARTY!



GUZZLER'S GLOSSARY

DID YOU LIKE MY PARTY HAT?



ALINA is a girl's name. It means bright, shining and kind.

CLIMATE ACTION is what children, adults, communities and countries can do to protect the environment.

CLIMATE CHANGE is what is happening to our planet, Earth. It is getting hotter and this changes our weather and climate. It is not good for plants, animals and us, now or in the future.

COMPOSTING means letting worms and other small animals, as well as other living things that we can't even see, turn plant waste into compost. Other things, like egg shells, can be composted too. Compost is great for growing plants and is peat free.

ENERGY is the ability to move and do things.

ENVIRONMENT is the surroundings, natural and man-made, where people, animals and plants live together.

FOSSIL FUELS are things that were plants or animals a long, long time ago. They are full of energy and we can burn them to make things warm or make them move. Coal, gas, oil, petrol and peat (turf) are fossil fuels. Some of our electricity is made by burning fossil fuels. But they are running out and using them causes **CLIMATE CHANGE** so we need to use other forms of energy and use less.

GLOSSARY means a list of words and what they mean!

GUZZLER is a name that means something that uses or eats a lot.

INSULATE means to use a material to keep heat in or out of something.

POLLINATE means to move pollen from one plant to another to make new seeds. This is done by insects, birds and other small animals, or by the wind.

RECYCLING means using things again by making them into something new.

REDUCING means trying to use less of things.

RENEWABLE ENERGY is energy that is made from something that doesn't get used up. Like energy from the wind, sun and water.

REUSE means to use something again or to pass it on to others who could use it.

SOLAR means something to do with the sun.

SOLAR ENERGY is energy from the sun.

DID YOU SEE ME?



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- The Après School Club Montessori

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The Government's Climate Action Plan states that the sustainable energy transition challenge is unique in that change must happen in every home, in every workplace and in every network which supports our lifestyle. We hope this book goes some way towards engaging and empowering young children as they start their journey to a sustainable way of life.



IT'S PARTY TIME!

**JOIN THE FUN WITH
GUZZLER AND ALINA.**

**LEARN HOW THEY REDUCE,
REUSE AND RECYCLE TO SAVE ENERGY
AT HOME, AT SCHOOL AND
IN THEIR COMMUNITY
AS THEY GET READY TO
PARTY!**

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