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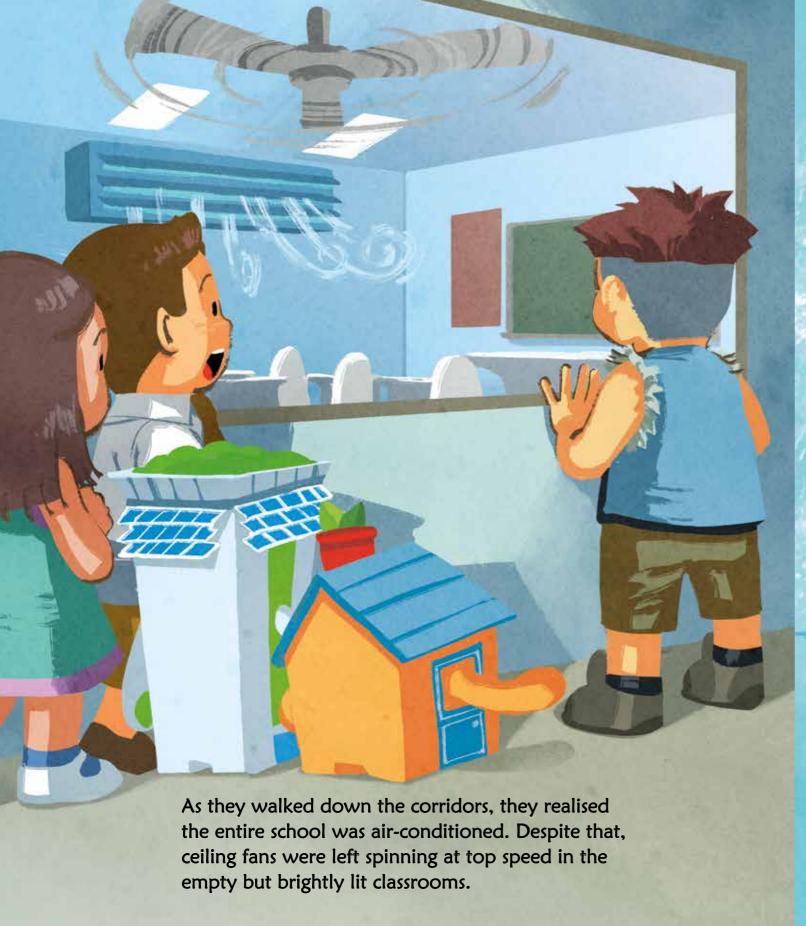










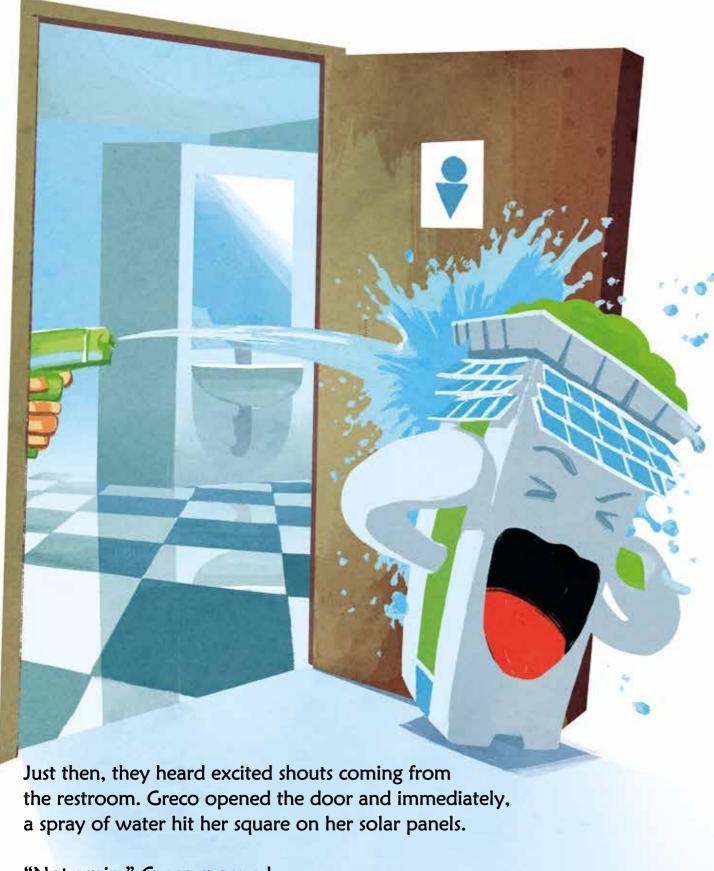




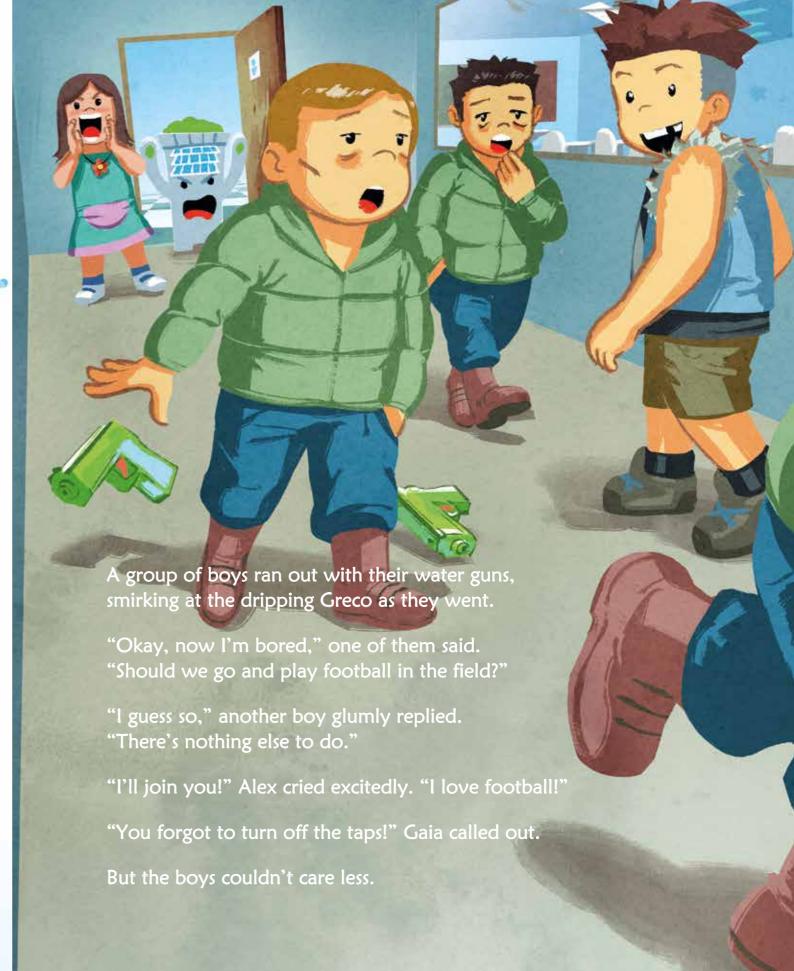
"Excuse me," Gaia said to a student passing by. "Could we turn up the temperature to 24°C? It's too cold."

"You'll be fine with a sweater," he replied with a dismissive wave.

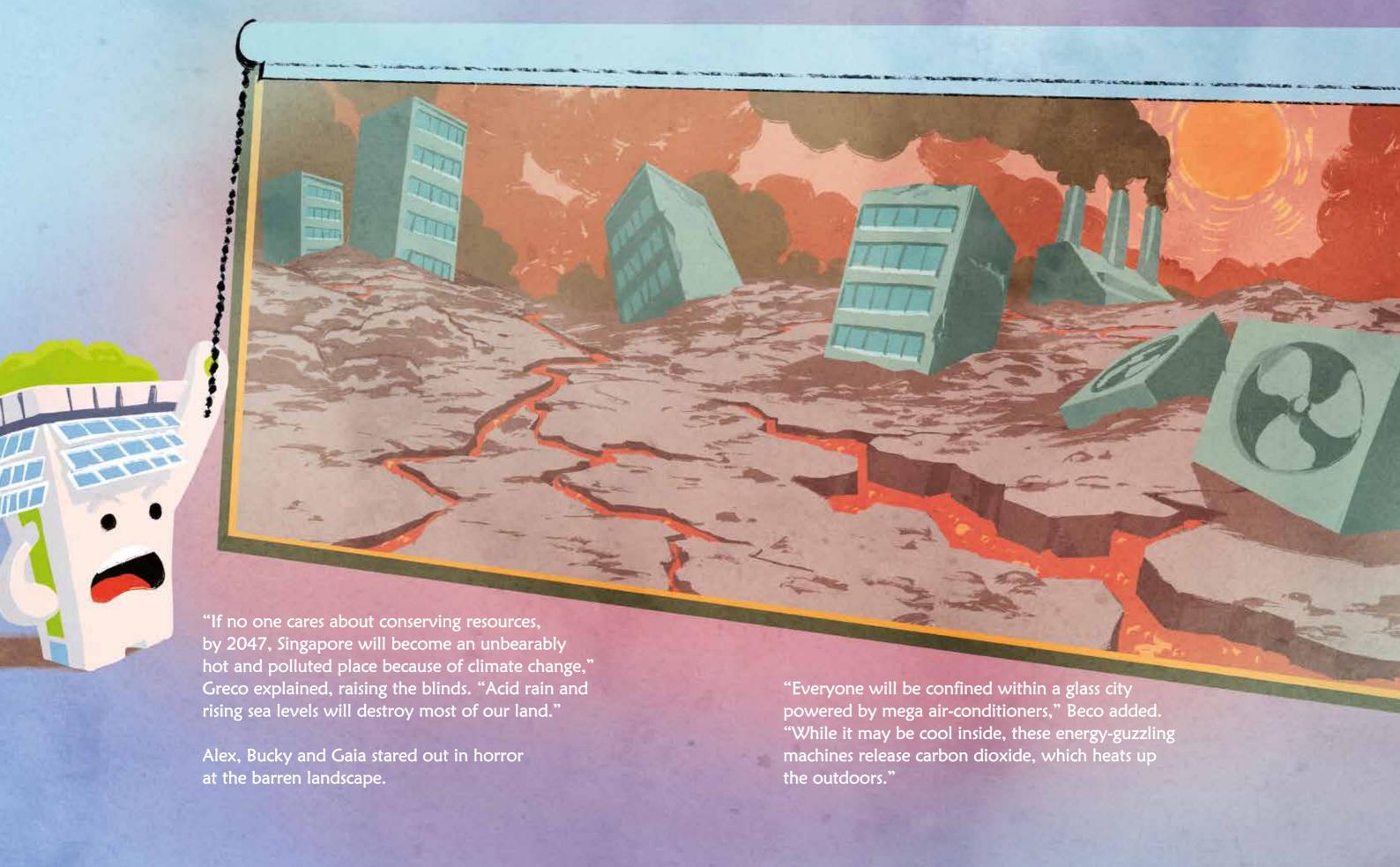
"I told you," Alex taunted. "Nobody cares."



"Not again," Greco groaned.

















Afterword by CEO

The Building and Construction Authority (BCA) published our first storybook for children in 2015. Entitled *The Adventures of Greco* & *Beco: The Glass House*, the book featured Greco and Beco, our friendly Green Building mascots. It was distributed to schools and libraries island-wide, and it quickly became popular with young readers like yourselves.

Given the encouraging response, we decided to expand that one title into a series. In this second title, the story takes place in a setting that all students can relate to — school — and shows us what will happen when nobody cares about making our schools green and how this behaviour will affect us in the future.

With this storybook, I hope that we will become more aware of how resources are being used, and more importantly, how they can be conserved. It is my hope that as students, you will go one step further by leading green initiatives such as a Green Club or Green Corner in your schools to explore creative ways to cut down on resource usage. Together with the installation of rooftop solar panels, your school can produce more energy than it uses and achieve Zero or even Positive Energy status!

Continue with this green spirit even after you leave your primary schools by taking part in green activities and making your voices heard. I encourage you to be part of BCA's BiG (Build it Green) Club Junior for a chance to make a real difference to the green building landscape in Singapore.

As children, your attitude today will determine the liveability of tomorrow's built environment. Forward-thinking schools such as Da Qiao Primary School and Hong Wen School are mindful of this, and have already taken active steps to be more engaged in green awareness. I invite all of you to join them, and us, in this meaningful green building journey.

With you on board, I am confident that we can look forward to even more "Super Duper Green Buildings" in the future!



Mr Hugh Lim CEO Building and Construction Authority

Glossary

Acid rain

This is rain that has been polluted by harmful gases in the air caused by the burning of fossil fuels.

Dual-flush buttons

Toilets fitted with dual-flush buttons allow the user to flush using two different levels of water, usually a full flush for solid waste and a half flush for liquid waste.

Fossil fuels

These are natural substances such as gas, coal and oil that were formed millions of years ago from plant and animal remains.

Global warming

This is the gradual rising of the earth's surface temperature caused by increased levels of carbon dioxide from burning fossil fuels.

Green fuel

This is also referred to as biofuel. It is made from plants and animal material, and is more environmentally friendly than fossil fuels.

Positive energy school

This refers to a school building that generates more energy than required for the school's daily usage.

Tree-hugger

This refers to an environmental campaigner.

Water-saving thimble

This small plastic cap looks like a button and is fitted into taps and showerheads to control the flow of water.

Zero energy school

This refers to a school building that generates enough energy for the school's daily usage.



The Super Duper Green Building Club Members' Challenge

Here are some ways in which you can help make buildings in Singapore more environmentally friendly. Do your best to follow these tips and be a worthy member of the Super Duper Green Building Club!



Reduce your daily use of water

- Keep your shower under 5 minutes.
- Use a mug to contain water instead of leaving the tap running while brushing your teeth.
- Turn off the tap completely after use and make sure the tap doesn't drip.

Save electricity

- Switch off the fans and lights when leaving the room.
- Make use of sunlight. Open the windows to let natural light in. Don't switch on the lights unnecessarily.
- Use fans instead of air-conditioners where possible.

Reduce, Reuse and Recycle

- Reduce the use of plastic bags. Bring your own bag when buying things from the bookshop or supermarket.
- Reuse items as much as possible before throwing them away.
 For example, use both sides of a sheet of paper.
- Think about whether an item can be recycled before throwing it away. If it can be recycled, place it in the recycling bin.

A Note from Green Schools



Da Qiao Primary School, Green Mark Gold^{PLUS}

"At Da Qiao Primary School (DQ), we believe in the philosophy "Do GOOD, Feel GOOD". We want our students to Do Good to the community, which includes caring for the environment. Only when students feel like they have played a worthwhile role in their community, will they Feel Good.

Here at DQ, we also teach our students about resource conservation, and the results of these lessons are manifested during platforms like the Green Gratitude Week and Values-In-Action (VIA) Day, where the school community lives out what we have learnt. In particular, we are very proud of our VIA Champs, who take the lead in our resource conservation and recycling efforts, amongst other endeavours.

Being Green Mark Gold^{PLUS} certified is our school's way of Doing Good for the environment, and it makes us Feel Good, knowing that we are collectively doing our part to conserve our resources for the future generations and nurturing responsible citizens who will continue this tradition for years to come."

Mrs Joyce Ang, Principal



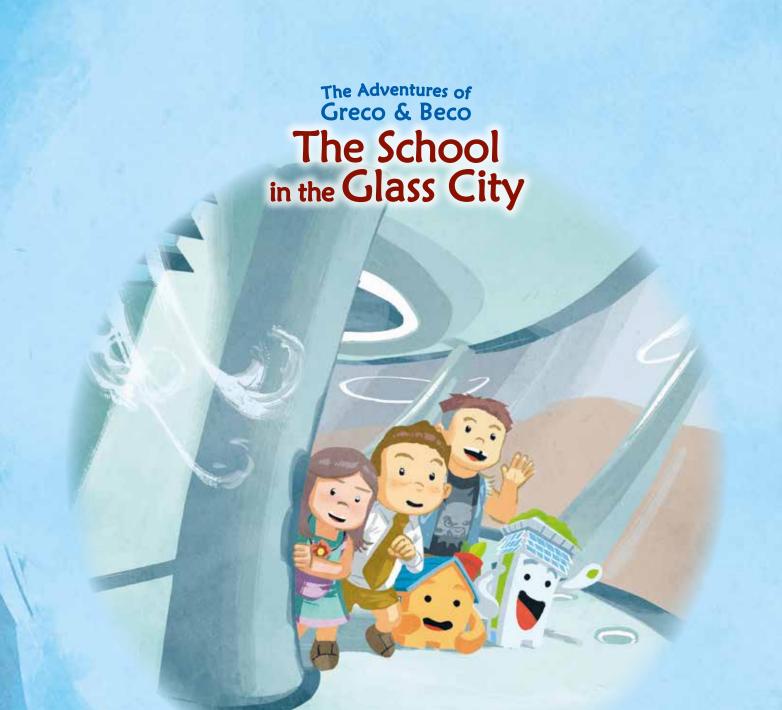
Hong Wen School, Green Mark GoldPLUS

"Schools play an important role in educating our young to develop a deeper understanding of environmental issues. However, environmental education cannot be confined to the classroom. Students need to be engaged in real world issues confronting our environment, and acquire knowledge and skills to be creative problem solvers, which in the process, will develop their motivation to be advocates for environmental sustainability.

Hong Wen's environmental education programmes and initiatives are developed based on the overarching theme, "Protect Our Earth Together (POET)".

We hope to raise the awareness of the school community towards our living environment, and help shape individual behaviour and practices that can lead to ecologically responsible decisions and lifestyles. Attaining the Green Mark Gold^{PLUS} certification is a strong encouragement to the school for our ongoing green efforts in sustainability."

Mr Raymond Poon, Principal



Learn more about Greco and Beco and Singapore's green buildings at www.facebook.com/bcagreen

