



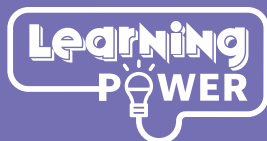
# POWER SAVERS

**The Adventures of  
Savvy and Squander**

Georgia Power is committed to enhancing your child's knowledge of energy efficiency and using energy wisely. These concepts are brought to life through Learning Power characters Captain Cautious and twins Savvy and Squander as they spend the day learning about energy use and safety.

This book also reinforces Georgia's state standards for science for kindergarten by presenting time patterns (day to night and night to day) and objects (such as the sun, moon and stars) in the night sky. We hope this book helps your student better understand this important topic. You will find a glossary of terms at the back of the book to assist you in a more detailed discussion with your child.

Georgia Power's Learning Power program is a statewide education initiative designed to bring energy education into the classroom. Please go to [learningpower.org](http://learningpower.org) to learn more about our program.





Savvy and Squander were planning to spend the day with Captain Cautious for a special day of learning about energy and safety. Savvy tried to get Squander to stop wasting time and get to bed early.

**“I want to sleep with the lights on,” said Squander.**

**“Then we’ll know what is going on if we wake up in the middle of the night. And I don’t want to miss Captain Cautious!”**

**“I don’t either,” Savvy said. “But we do not have to leave all of the lights on in our room just to be ready when we wake up.”**



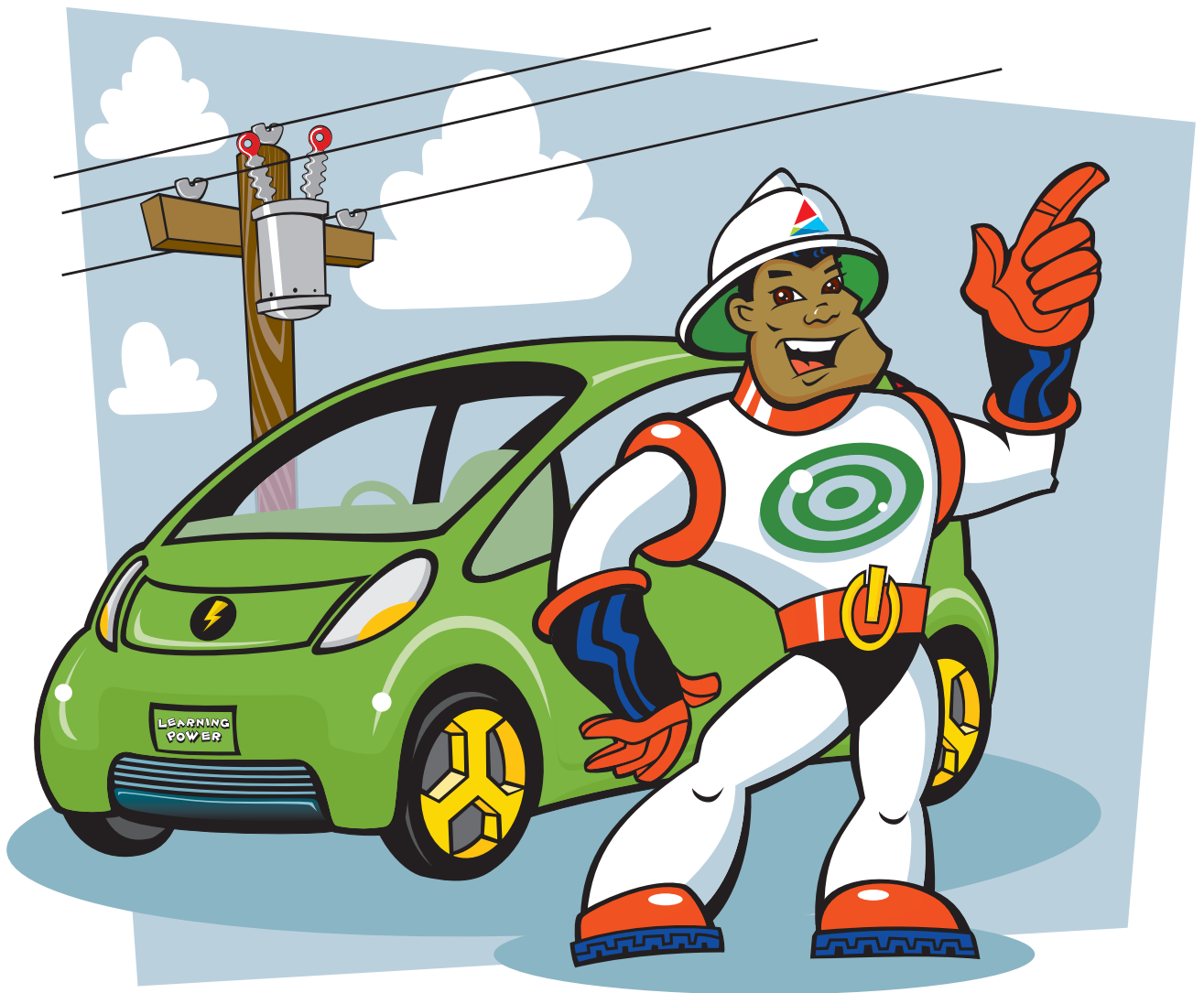
“Just take a look at our room,” Savvy said, asking Squander to count the number of lights in the room.



Savvy explained that one way people can save energy is to turn off unneeded lights at night. Since nearly everyone rests after the sun goes down, this is a good time to save energy.

One night-light will give us enough light in our room and it uses less energy than our other lights.

Savvy convinced Squander that the sun would provide enough light in the window to wake them up the next morning, so they went to sleep.





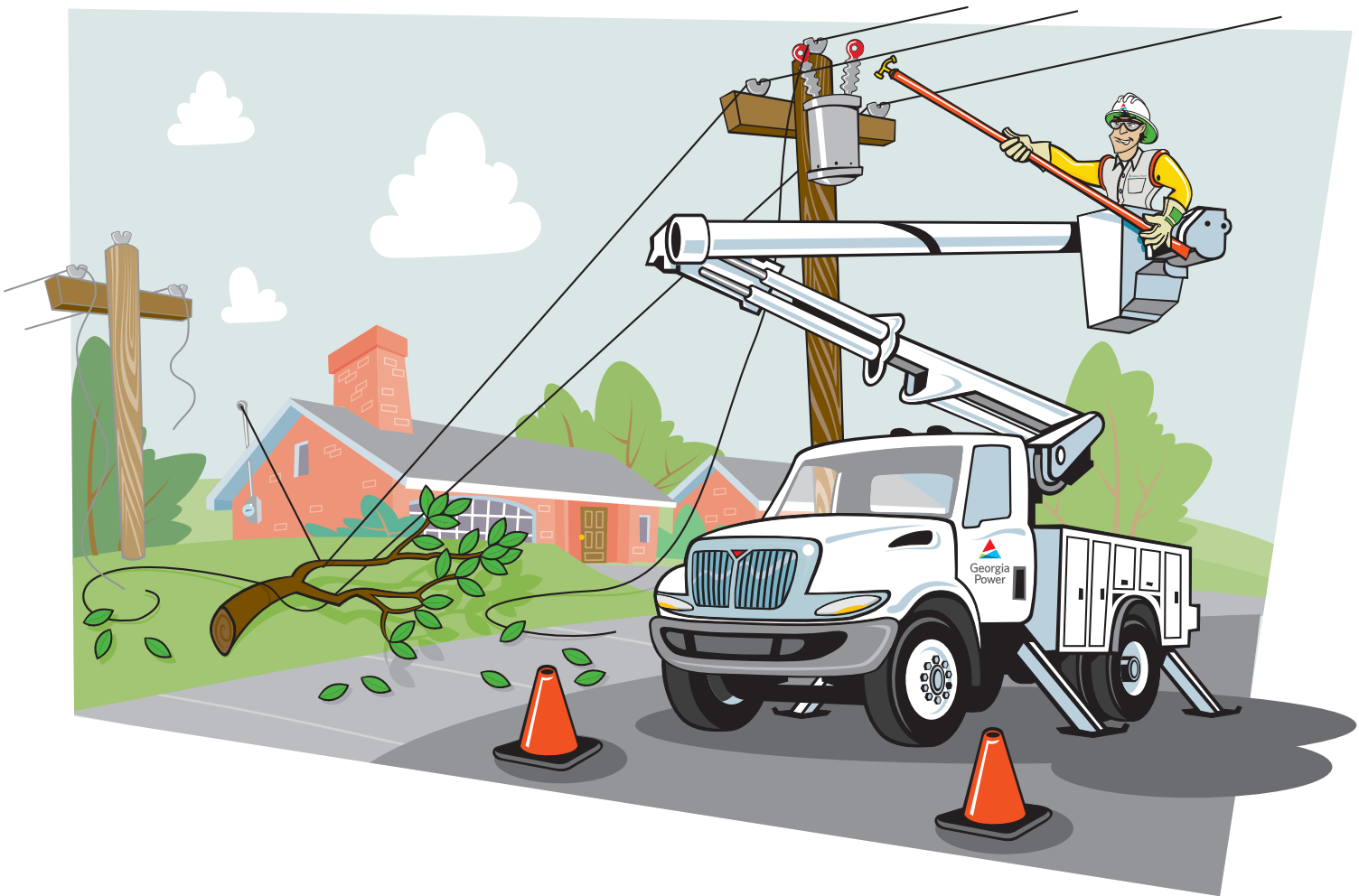
When the sun came up, the kids looked out the window and saw the Watt Wagon parked in front of their home.

Captain Cautious was planning to spend the whole day with Savvy and Squander to help them learn more about energy and safety, and he thought the Watt Wagon was the perfect way to ride.

Savvy was glad that someone else was there who could explain to Squander how electricity supplies power that gives light when the sun goes down – and even during the day, inside a house or building.

As they climbed into the wagon, Captain Cautious agreed with Savvy. “That’s right,” he said. “Electric power gives us light after the sun goes down, but we can be smart about how we use it by turning off most of the lights in the house before we go to sleep.”





As they rode along in the wagon, Captain Cautious told the kids that a tree had fallen on a power line during the night and some Georgia Power linemen were making repairs. A few houses were without power.

“Could they have a small night-light on in their bedroom without any power at all?” asked Squander.

“No, they can’t run anything that uses electricity, like lights or the television,” explained Captain Cautious.

“I would not like it if we had no power at our house. That doesn’t sound like fun at all,” Squander replied.



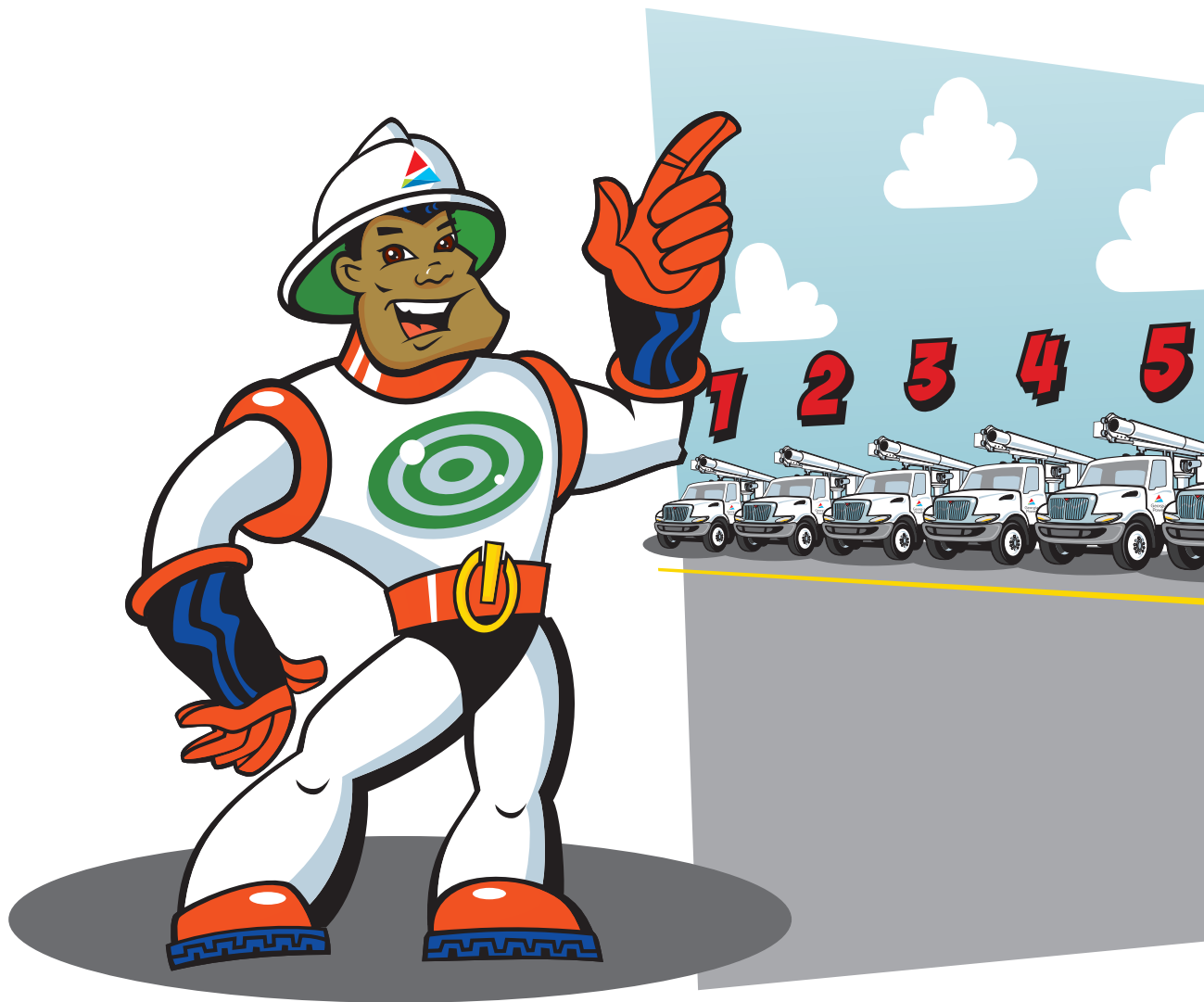
“What should we do if we see a tree that has fallen on a power line?” asked Savvy.

Captain Cautious explained that if a tree or anything falls on a power line, kids should tell their parents to call Georgia Power to report it, and stay far away.

“That’s why we stayed in the wagon to see all of this,” he explained. “We were safe the whole time!”

As they pulled away from the area where the tree was down, Squander had a question. “What if there was a really big storm and there were trees down all over the place? How could one truck get to all the places fast enough to help everyone?”

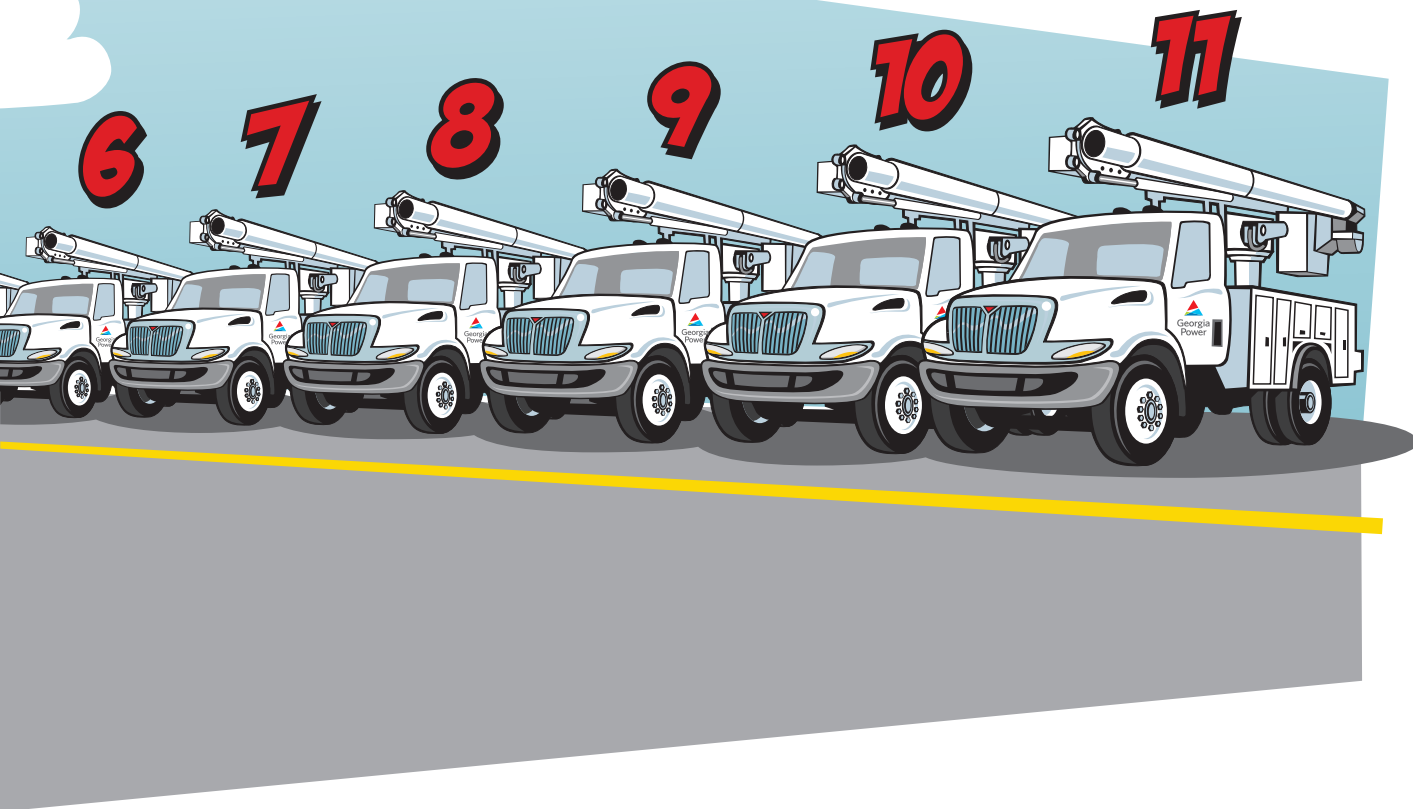
Captain Cautious said the next stop on the trip would explain that.



As they turned the corner, they came to a building and parking lot. There were eleven big bucket trucks in the lot.

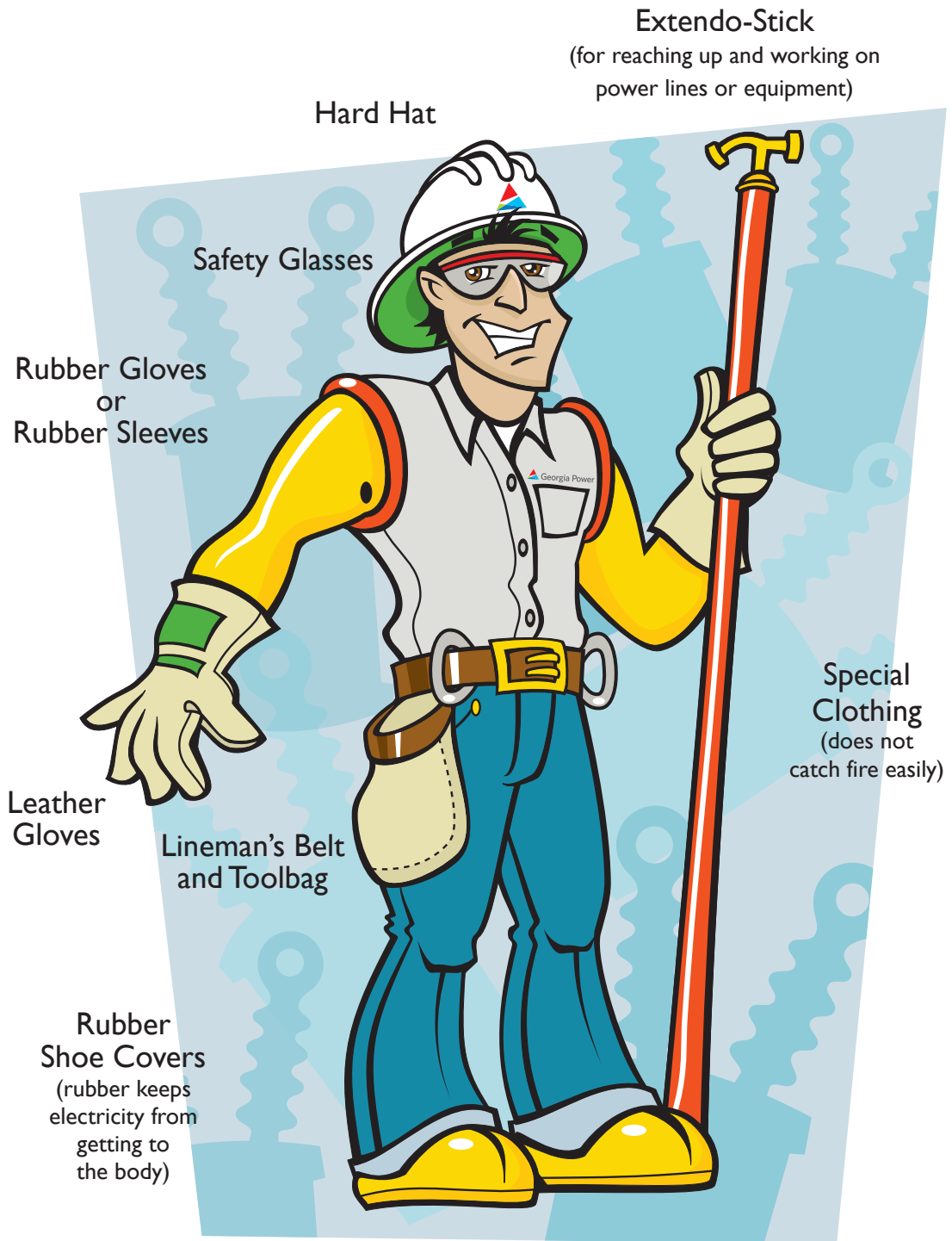
“We keep a dozen bucket trucks here to be ready for big emergencies,” he said. “So if there had been a lot of trees down, there could have been a bucket truck that went to each location.”





“If there were twelve and we see eleven here, then where is the other one?” asked Squander.

“We just saw it!” Savvy exclaimed.  
“There are eleven trucks in the parking lot and one at the work site – that’s a dozen – twelve trucks in all!”



The lineman wears special equipment to protect his body from electricity and to help him do his job.

Captain Cautious wanted the kids to see some of the tools the linemen use, so one of his friends came out to show them.

The lineman said that besides using all of the right tools, he had many, many hours of special training to learn how to be safe around electricity, and he reminded the kids never to go near an electric line.



The kids could not wait to go home and tell their parents about everything they had learned. They hopped back in the wagon, fastened up, and were on their way.

Later that night, they were in their beds when Squander had something to say.

“You were right, Savvy,” she said.

“Now that we are power savers, we can rest without so much light at night.”

“Thanks, Squander,” Savvy said.

“Now let’s get some sleep before the sun shines and wakes us up again!”

## Do you know?

- 1) Why did Savvy want Squander to turn off the lights before going to bed?
- 2) What two kinds of energy does the sun provide to the Earth?
- 3) If there is a tree down on a power line outside your front door, should you go outside to look around? Why or why not?
- 4) Why can a lineman go near a power line on the ground without getting hurt?

## Glossary

**Bucket Truck** – A large truck with a “bucket” that lifts workers up to high places to work on power lines or trim trees.

**Captain Cautious** – One of the safest characters anywhere who knows all about how electricity works and how to avoid dangerous situations.

**Electricity** – Energy that is used to light our lights and provide power to our homes.

**Lineman** – A person who works on power lines for Georgia Power.

**Savvy and Squander (Energy Efficiency Twins)** – A boy-and-girl duo who show people the best ways to conserve energy. Savvy does this by demonstrating smart uses of electricity. Squander, by accident, does it by showing wasteful uses.

# Glossary *continued*

**Sun** – The big star that can be seen during the day and provides light and heat energy to the Earth.

**Watt Squad** – A small band of hero helpers created to go on amazing missions to conserve energy.

## Aligned to Georgia’s State Standards

### Science:

**SKE1.** Obtain, evaluate, and communicate observations about time patterns (day to night and night to day) and objects (sun, moon, stars) in the day and night sky.

### Mathematics:

**MGSEK.CC.5.** Count to answer “how many?” questions about ... as many as 10 things in a scattered configuration.

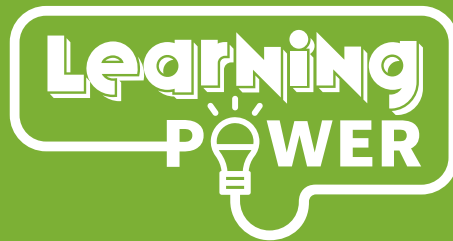
### Reading:

**ELAGSEKRI1. / ELAGSEKRL1.** With prompting and support, ask and answer questions about key details in a text.

### Social Studies:

**SSKE4.** The student will explain that people must make choices because they cannot have everything they want.

If you need to report a power outage, call Georgia Power at  
**1-888-891-0938.**



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