

SAVVY & SQUANDER

SAVING



ENERGY

Georgia Power has created this storybook to enrich your child's reading experience. The content is aligned with Georgia Bright from the Start pre-K standards for science, mathematics and reading, and teaches about the world of energy efficiency and using energy wisely. The concepts are brought to life through Learning Power characters Dr. E., Emerald, and Savvy and Squander.

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





Savvy and Squander woke up early to get ready for their special friends who were visiting that day.



Their friends, Dr. E and Emerald, are part of the Watt Squad, a group of energy-saving heroes.

Savvy and Squander ran outside to greet them, excited for today's energy contest. They split into two teams: Emerald and Squander on one and Dr. E and Savvy on the other.



The two teams would be looking for ways to save energy at home. "How many ways should we find to save energy?" asked Savvy. "I think at least two!"



“Let’s see which team can find two ways to save energy first!” said Squander.

In order to make it fair, Dr. E and Emerald helped Savvy and Squander split up the rooms in the house.

Savvy and Dr. E would look in the kitchen and home office. Emerald and Squander would look in the family room and living room.



Savvy and Dr. E went into the home office first. Savvy said the desktop computer always stays on. "Is energy being wasted when no one is using it?" he asked.

Dr. E said it is wasteful to leave a computer on all day. Turning off the computer when it is not being used was **energy-saving tip number one!**

When they walked into the kitchen, Dr. E was surprised to see the refrigerator door wide open. When he asked Savvy why it was open, he said Squander always forgets to shut the door.

“That wastes a lot of energy,” said Dr. E.

Keeping the refrigerator door closed tightly makes it more energy efficient. That was **tip number two**.







Savvy was glad they had their two tips, so he and Dr. E went to find Emerald and Squander, who were just finishing their search.

“What did you find, Squander?” asked Savvy, holding up two fingers. “Did you and Emerald find two energy-saving tips?”



“Yes, we found something in each room!”  
Squander said. “With Emerald’s help, I am going to  
be more energy efficient than ever!”



Squander went on to describe what they had found. When they started in the family room, Emerald noticed right away that the game system connected to the television was left on. She showed Squander how to save her place on the game without leaving it running.

That was **energy-saving tip number one:**  
Turn off your games when you are not playing them.



When they went into the living room, Emerald and Squander each ended up at one end of the sofa, pointing at the matching lamps and the old light bulbs that could be replaced with energy-efficient LED bulbs. They laughed because they had found the same thing at the same time. That was **tip number two**.



“Wow! Both teams found two tips,” said Dr. E.  
“That’s awesome!”

“That was a fun contest,” said Savvy, “and I  
learned a lot while we were doing it.”

Dr. E and Emerald told Savvy and Squander how  
proud they were of them. They had found  
more than enough energy-saving tips to make a  
difference in their home every day.

## Questions for Review

1. Are any of the ways that Savvy and Squander saved energy something that could work in your home?
2. Do you know what an energy-efficient LED bulb looks like?
3. Is there anything you have left turned on that you could start turning off when you are finished using it?

## Georgia Bright from the Start Standards

### MATH:

**MD 1 a** – Counts by rote.

**MD 1 c** – Counts objects using one-to-one correspondence.

### SCIENCE:

**SD 1 c** – Uses language to describe observation.

**SD 1 e** – Records observations through dictating to an adult ... or using other forms of writing.

### READING:

**LD 5 k** – Participates in oral reading activities.

**LD 5 m** – Uses pictures or symbols to identify concepts.

## Glossary

**Dr. E** – An exceptionally electrifying expert of Learning Power who conducts extraordinary research into known (and unknown) methods of generating electricity.

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

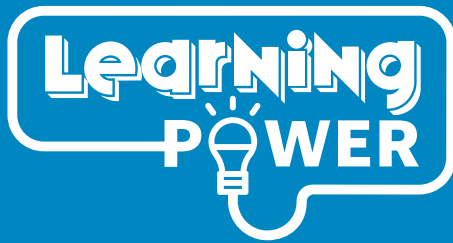
**Emerald** – A member of the Watt Squad who works at the plants where we make electricity. If you like working with tools, following directions and working with other people, you would like this job.

**Energy Efficiency** – Using energy wisely by turning off lights when we leave a room, using the best light bulbs, turning off the water when we are brushing our teeth, taking short showers, and not holding the refrigerator door open for a long time. Being energy efficient saves money and helps conserve our natural resources.

**Light-Emitting Diode – known as an “LED”** – A new technology bulb that uses less energy and gives off the same amount of light as a CFL bulb.

**Savvy and Squander (Energy Efficiency Twins)** – 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.

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



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