

GENERATION  E

**LET'S LEARN ABOUT
ENERGY EFFICIENCY
WITH ENERGY ED
AND JENNY JAY**



Hi, Ed! You look like you're deep in thought. What's on your mind?

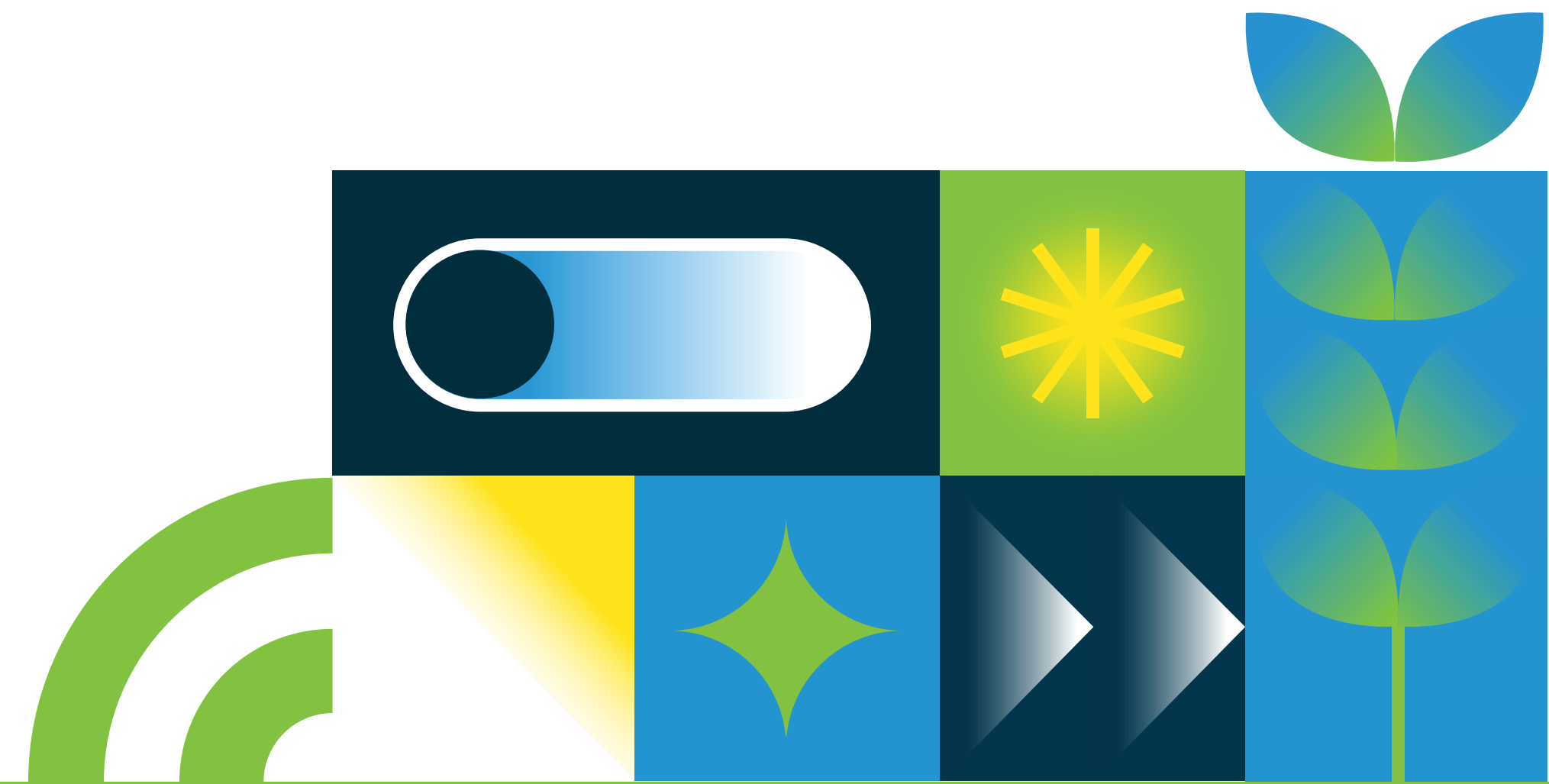



Hi, Jenny! I've just been thinking about how to be more efficient with energy, but I'm getting a little confused. Can I get your help?






Sure! Energy efficiency means doing things that use or waste less energy.





I know it's really important to not waste energy, but what is energy? I'm having a tough time imagining it!



Energy is the ability to do work — to make something happen. We need energy to do a lot of things!



Energy comes from a lot of sources, from the sun to the food we eat. But when we talk about energy efficiency, we usually mean saving electricity (which we need to power lights, electronics, and appliances), or saving natural gas (which some homes use for heat).



Wow! We really do need energy for a lot of things. I guess that's why it's important not to waste it, right?



Exactly, Ed! Creating energy for our homes and schools takes a lot of work and a lot of resources. And it's really tough on the environment to keep using resources like natural gas. We need to find ways to use less energy to do the same tasks.



I think I'm starting to get it! Using energy takes resources, which we get from the environment. So we should only use what we need. But how do we do that?



That's easy, Ed! There are lots of simple things we can do at school and at home to save energy.



GENERATION **E**

LIGHTS OFF!

One of the easiest things we can do to save energy is turn off the lights when everyone leaves a room. We don't need the lights on in a room with no one in it!

That makes so much sense!



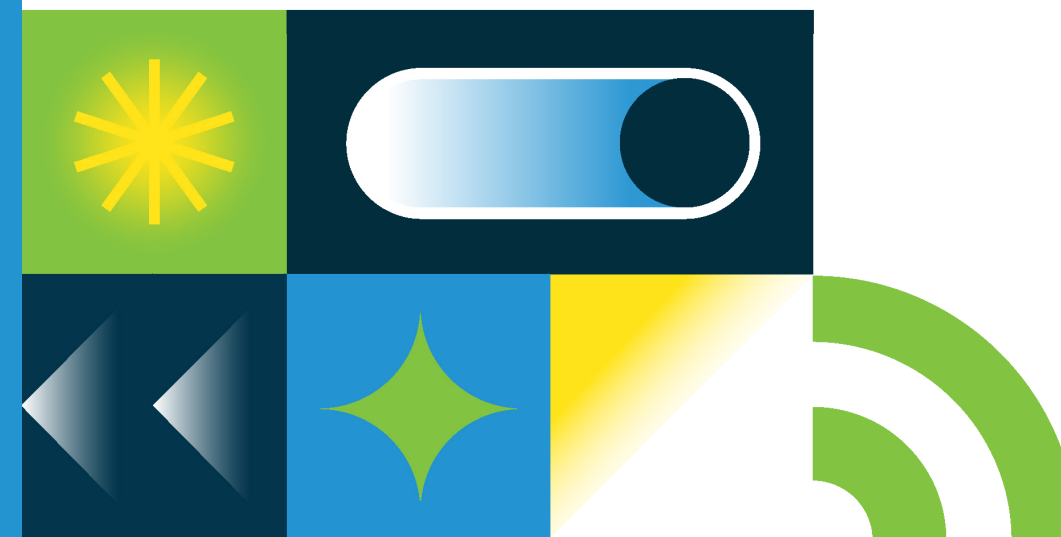
GENERATION **E**

What about turning off electronics that you're done using, like a computer or TV?



POWER DOWN

That's a great idea, Ed!
I think you're getting it.



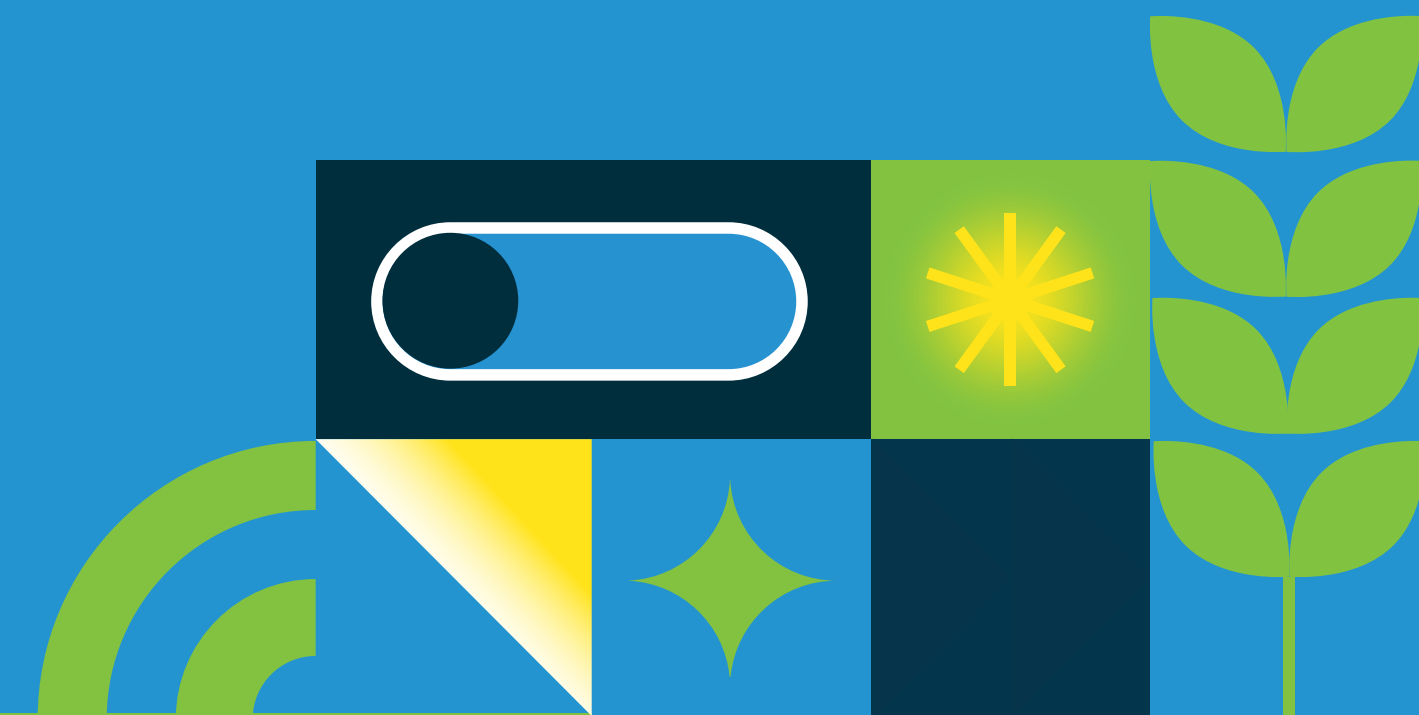
GENERATION **E**

**KEEP IN
THE HEAT**



Something else to think about are your windows. You should keep the heat in and close all the windows when it's cold out. It takes a lot of energy to heat a home.

I never thought it could be as easy as that...



GENERATION **E**

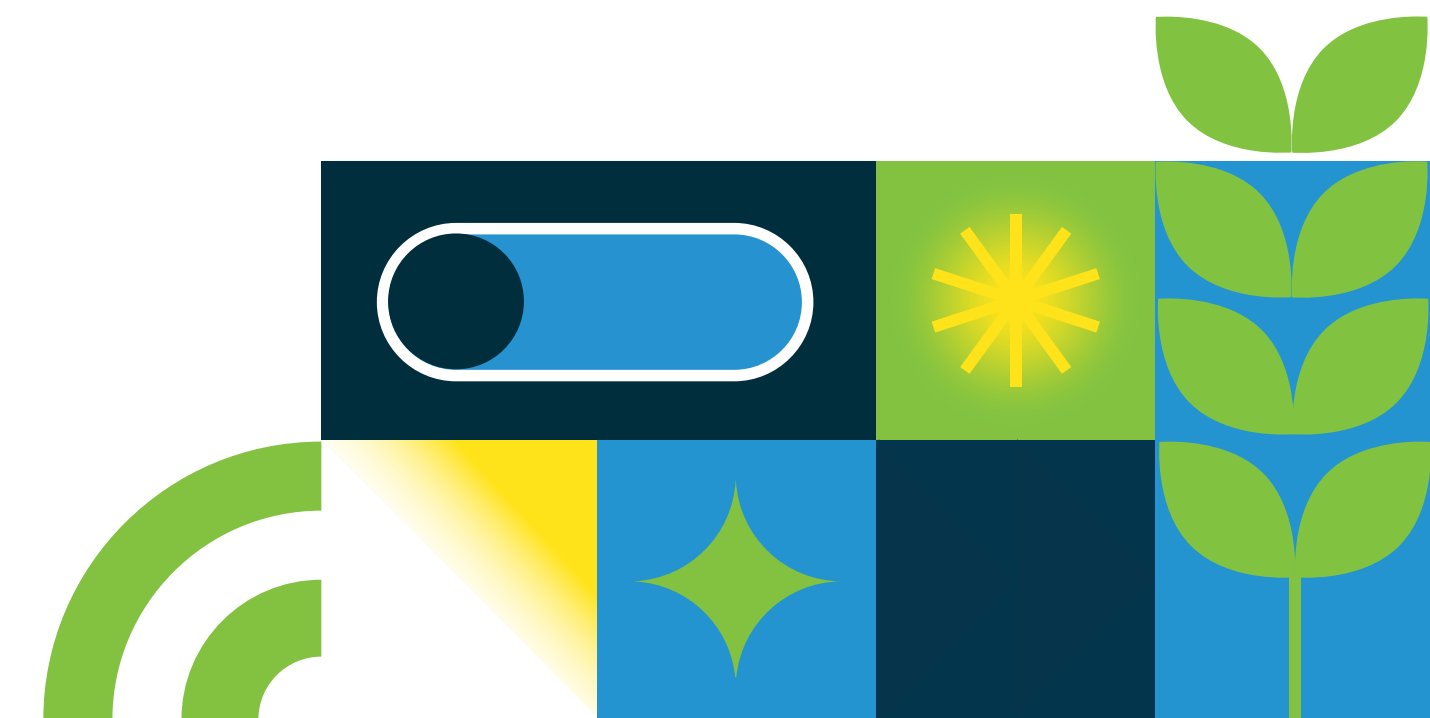
You could open the blinds and curtains to let the sunlight in. It's always nice and warm when it's sunny out.

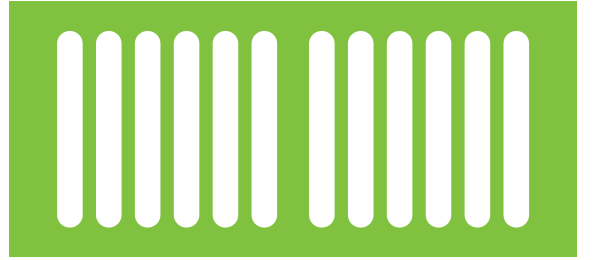


LET THE SUN IN



Exactly! Your home's heating system uses lots of energy to keep you warm. The sun can provide a little extra help.





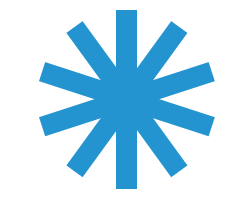
Another really simple thing you can do is make sure your heating vents are clear and don't have any furniture or clutter blocking them.

Of course! You're using all that energy for heat. It would be silly to just block it.




GENERATION **E**

Don't forget to power down when you're at school to help save energy. With your teacher's help, you can turn off lights, close blinds, windows and doors, and make sure nothing is left on over the weekend.



GENERATION **E**



Thanks for teaching me
about easy ways to save
energy, Jenny!



You're very welcome, Ed!
I'm always happy to help.

GENERATION **E**

JENNY JAY AND ENERGY ED HAVE AN ACTIVITY FOR YOU

Thanks for teaching me
about easy ways to save
energy, Jenny!

Let's all practice energy
efficiency with our
classroom checklist!

