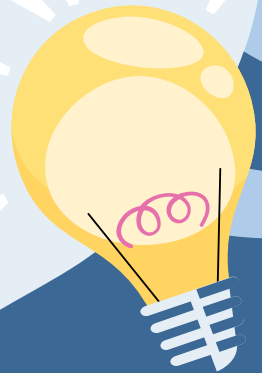
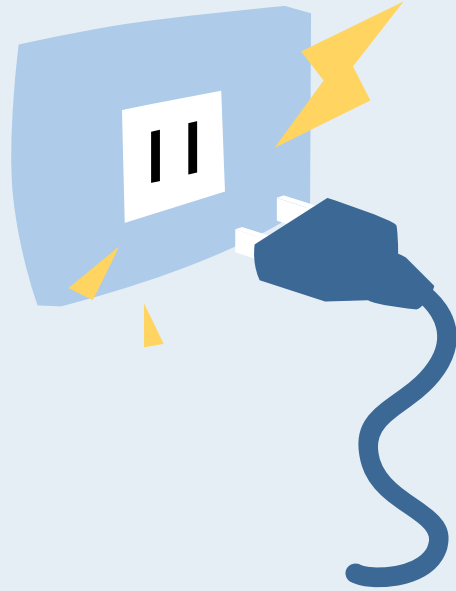


Energy at schools

"Get energized to save energy:
Let's make our school eco-friendly!"

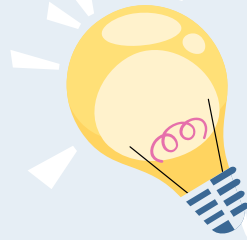




Introduction

Energy conservation and energy efficiency are two related but distinct concepts that are important for reducing energy usage and promoting sustainability.

What is energy conservation ?

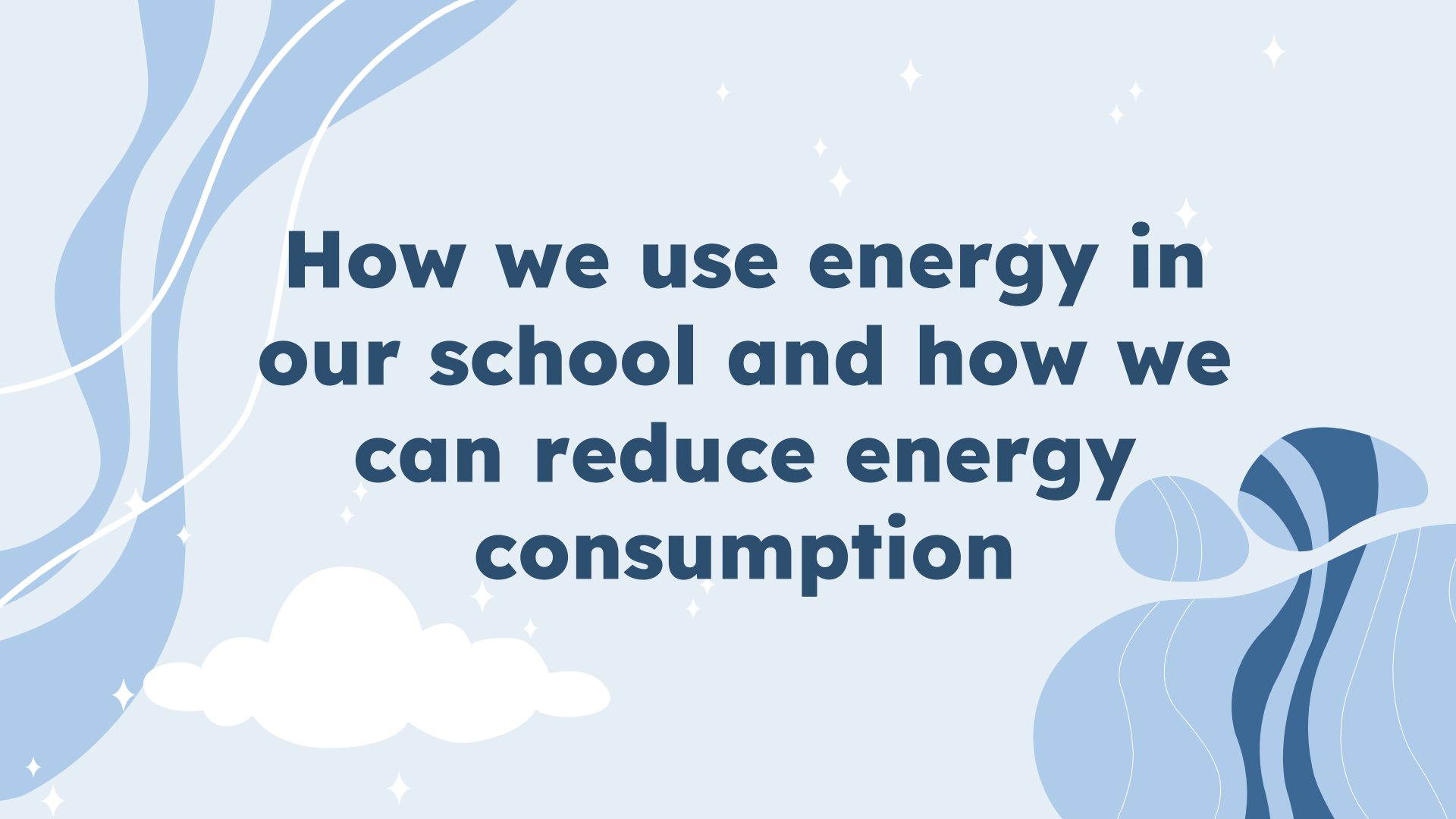


Energy conservation refers to methods of reducing the amount of energy used by a system, process or activity. This can be achieved by adopting energy efficient technologies, optimizing processes to waste less energy and changing behavior to reduce unnecessary energy consumption.





Energy efficiency, on the other hand, refers to the ability of a system or device to use energy as efficiently as possible to achieve identical or better performance with less energy. This can be achieved by using more efficient technology, optimizing processes to reduce energy waste, and adopting best practices to improve energy management.



**How we use energy in
our school and how we
can reduce energy
consumption**

Lighting



Lighting systems in classrooms and schools consume a lot of energy. You can reduce energy consumption by turning off lights when not in use, using natural light whenever possible, and using energy-efficient LED bulbs

Computers and Electronics

Classroom computers, projectors, smart boards and other electronic devices use energy. You can reduce energy consumption by turning off devices when not in use, using energy-efficient devices, and enabling power-saving modes.



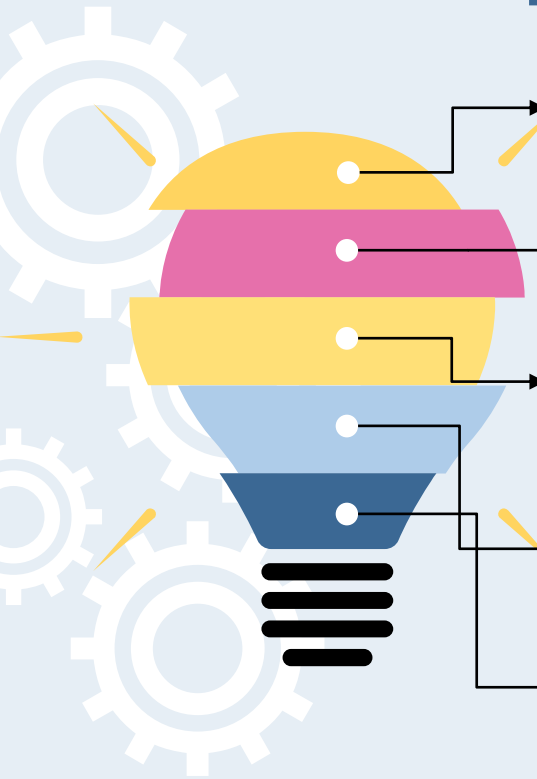
Heating and Cooling

School HVAC systems use large amounts of energy. Optimizing temperature settings and using energy-efficient HVAC equipment can reduce energy consumption and costs.



By implementing these strategies and promoting energy-saving behavior, schools can reduce energy consumption and associated costs while promoting sustainability and environmental protection.

A school electronics energy guide may include the following information:



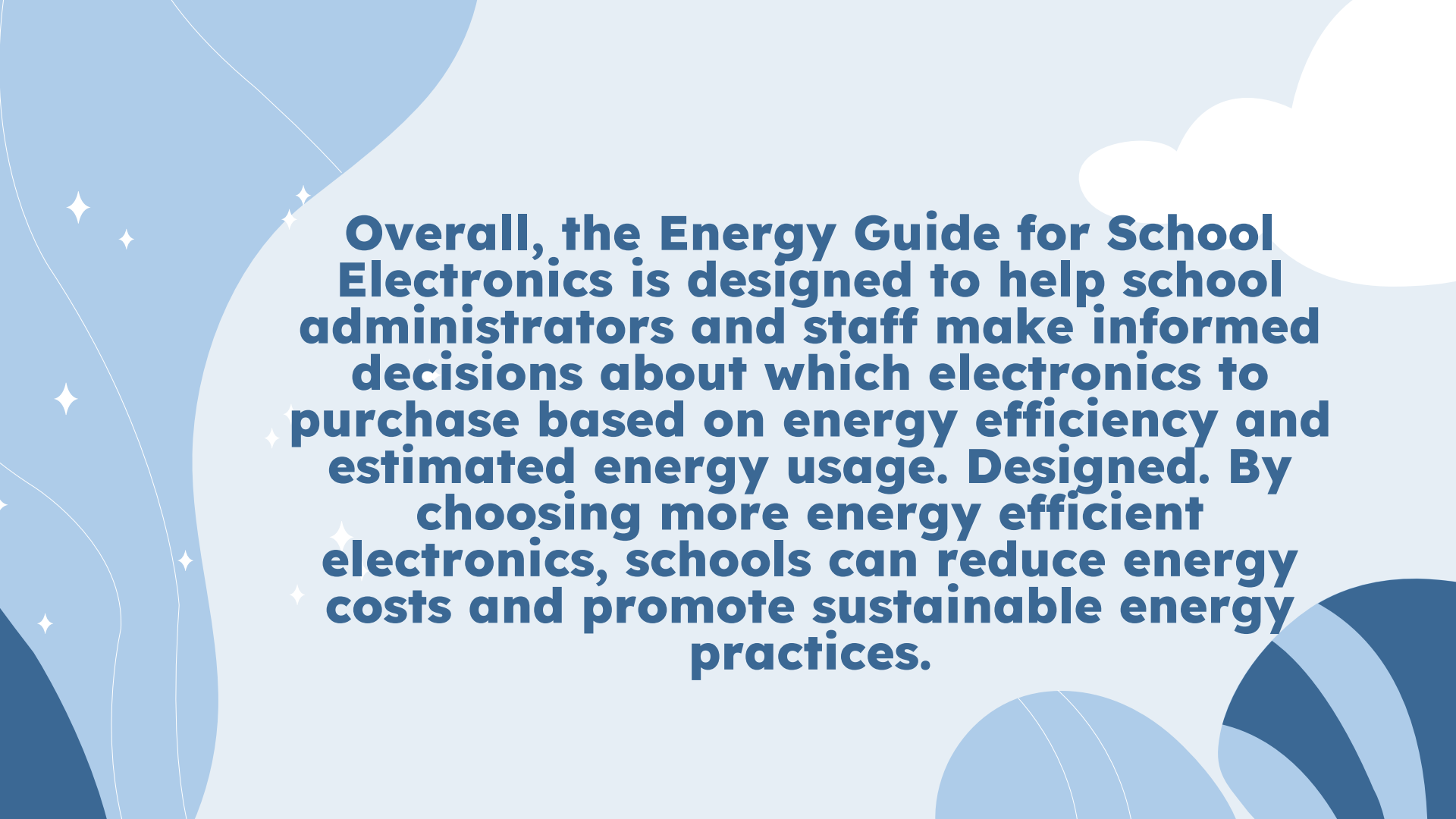
Energy Efficiency Rating: The label provides a rating system from A (most efficient) to G (least efficient) to indicate the energy efficiency of electronic devices.

Power Consumption: The Energy Guide provides information about the power consumption of electronic devices, measured in watts (W).

Standby Power Consumption: The Energy Guide also includes information on standby power consumption for electronic devices. H. Amount of energy the device consumes in standby mode.

Estimated Annual Energy Consumption: The Energy Guide provides an estimate of how much energy an electronic device is expected to consume in a year, based on typical usage patterns.

Properties: Energy guides can provide information about the properties of electronic devices. B. Whether there is a power saving mode, auto-shutdown, or sleep mode. Make and model information: Energy guides typically include information about the make and model of the electronic device.



Overall, the Energy Guide for School Electronics is designed to help school administrators and staff make informed decisions about which electronics to purchase based on energy efficiency and estimated energy usage. Designed. By choosing more energy efficient electronics, schools can reduce energy costs and promote sustainable energy practices.

CONCLUSION

As a conclusion, we can say that our high school is a very good energy saver, because we understand how important energy saving is, and we try to consume as little energy as possible, by implementing various energy-efficient practices and technologies. Our commitment to sustainability and reducing our carbon footprint is reflected in the steps we have taken to use renewable energy sources and optimize our energy consumption. By encouraging students and staff to adopt eco-friendly habits, such as using natural light whenever possible, turning off electronics when not in use, and reducing waste, we have created a culture of conservation at our school. Through these efforts, we hope to set an example for our community and inspire others to join us in our mission to protect the environment and conserve resources for future generations.



Thanks!

"Get energized to save energy:
Let's make our school eco-friendly!"