



Why We Should Save Energy and How to Do It

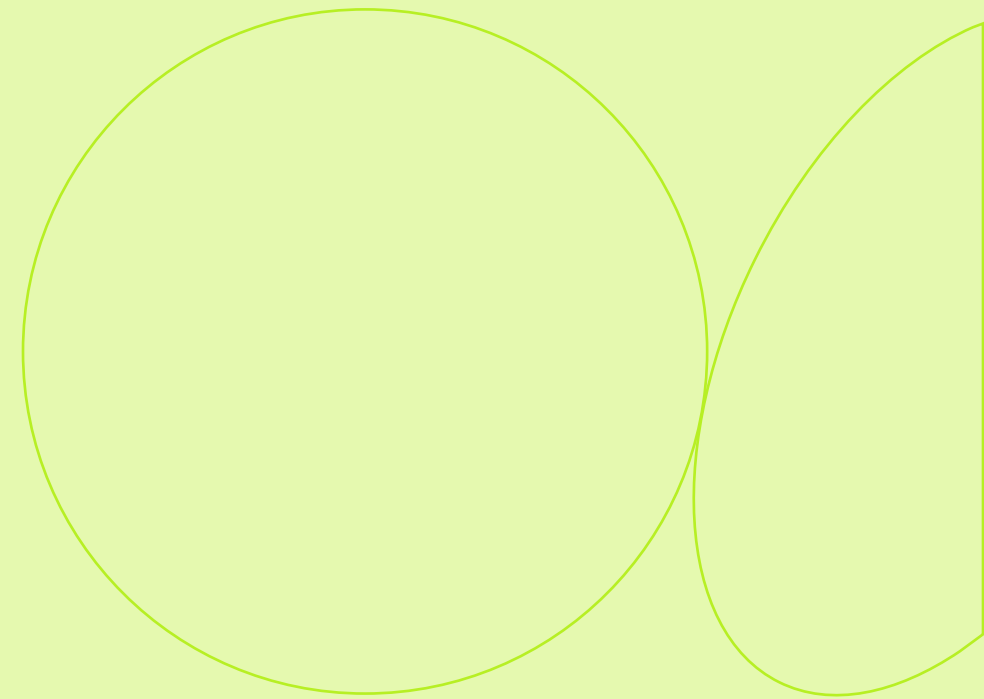
Understanding benefits and energy-saving methods

green

ENERGY
LET'S SAVE IT!



Why Should We Save
Energy?



Importance of Saving Energy



Environmental Protection

Saving energy reduces greenhouse gas emissions, helping to combat global warming and climate change impacts.

Resource Conservation

Conserving energy preserves finite natural resources like coal, oil, and gas for future use.

Cost Savings

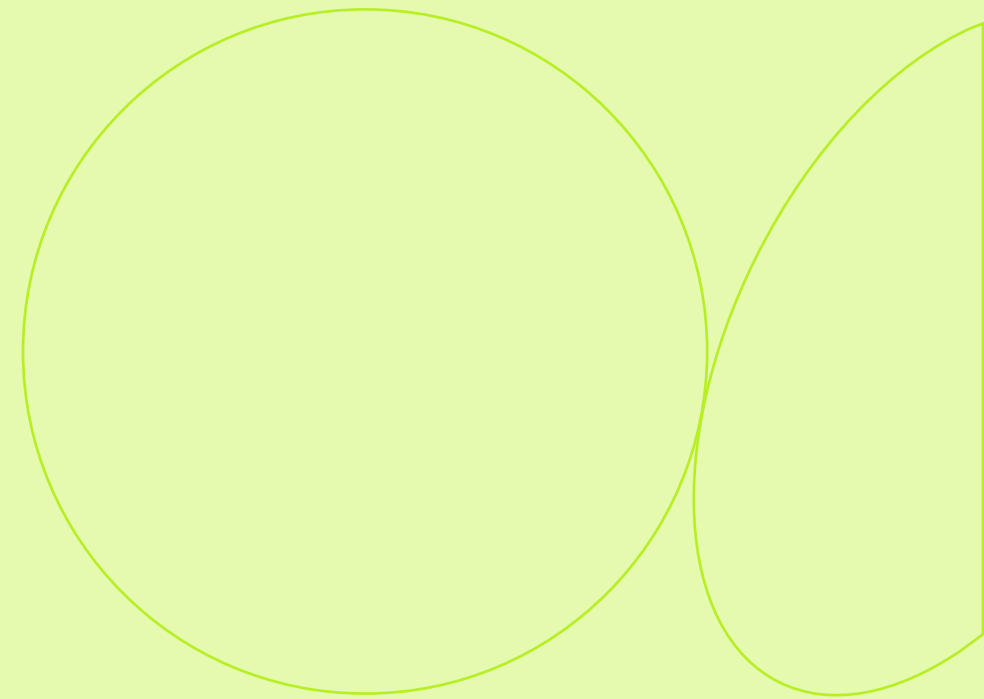
Using less energy lowers electricity bills, saving money for families and institutions.

Collective Impact

Small individual actions together create a significant positive impact on the planet's health.



Energy and the Environment



Impact of Energy Use on Nature



Environmental Impact of Fossil Fuels

Burning fossil fuels releases harmful gases that trap heat and cause global warming, affecting the Earth's climate and ecosystems.

Consequences of Global Warming

Global warming leads to rising sea levels, melting ice caps, extreme weather, and habitat changes threatening wildlife and plants.

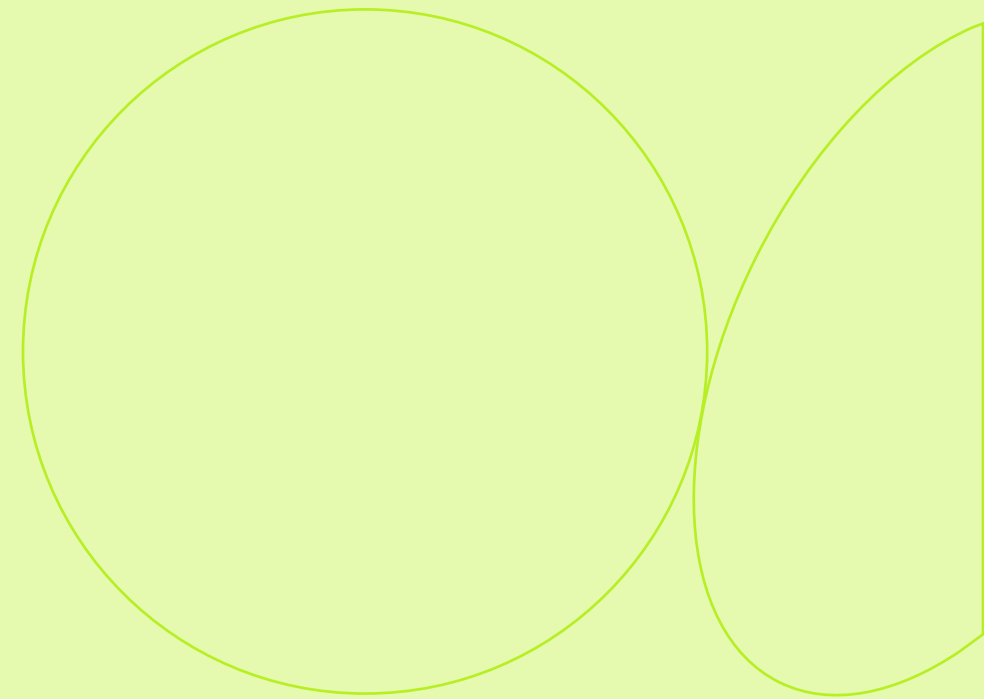
Benefits of Saving Energy

Saving energy reduces fuel consumption and emissions, helping protect the environment and maintain clean air and water.

Renewable Energy Advantages

Renewable sources like solar and wind offer cleaner energy but require careful use to minimize environmental impact.

How We Use Energy in School



Common Energy Uses in Schools



Energy Consumption in Classrooms

Lighting, computers, tablets, and interactive whiteboards are major energy consumers in classrooms.

Heating Systems Usage

Heating systems use significant energy to maintain comfortable temperatures during colder months.

Equipment and Appliance Energy

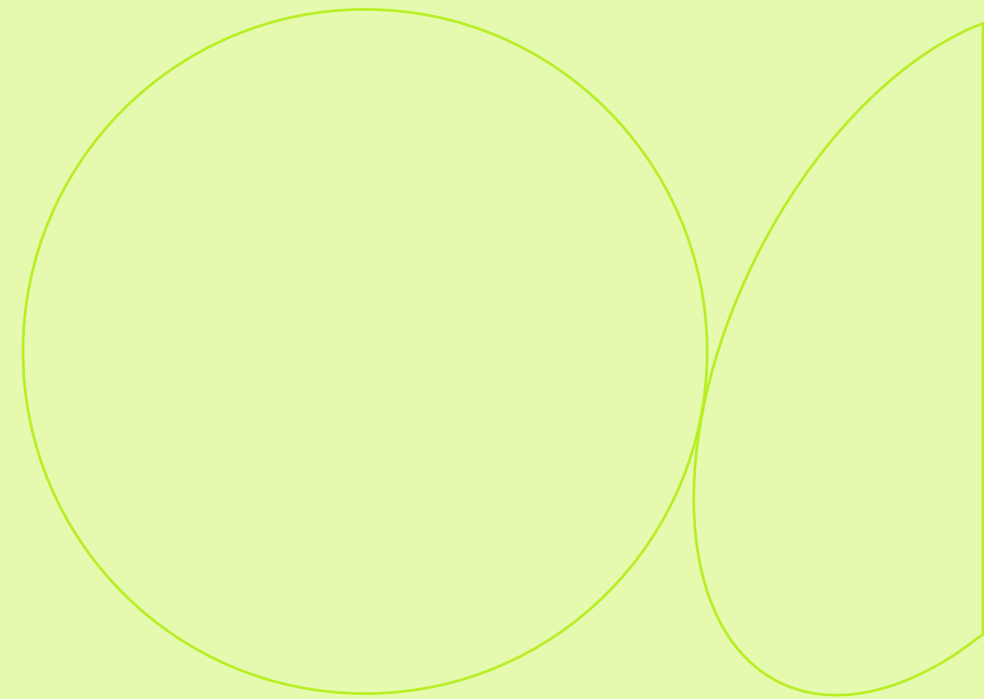
Printers, projectors, kitchen appliances, and small devices like chargers also add to total energy use.

Energy Waste and Savings

Energy is wasted when devices are left on unnecessarily; turning off equipment saves energy and costs.



How Can We Save
Energy?



Practical Energy-Saving Tips



Turn Off Unnecessary Lights

Switch off lights when not needed, especially during daylight or when leaving rooms to save energy.

Shut Down Electronics

Power down computers and devices after use to prevent energy waste overnight.

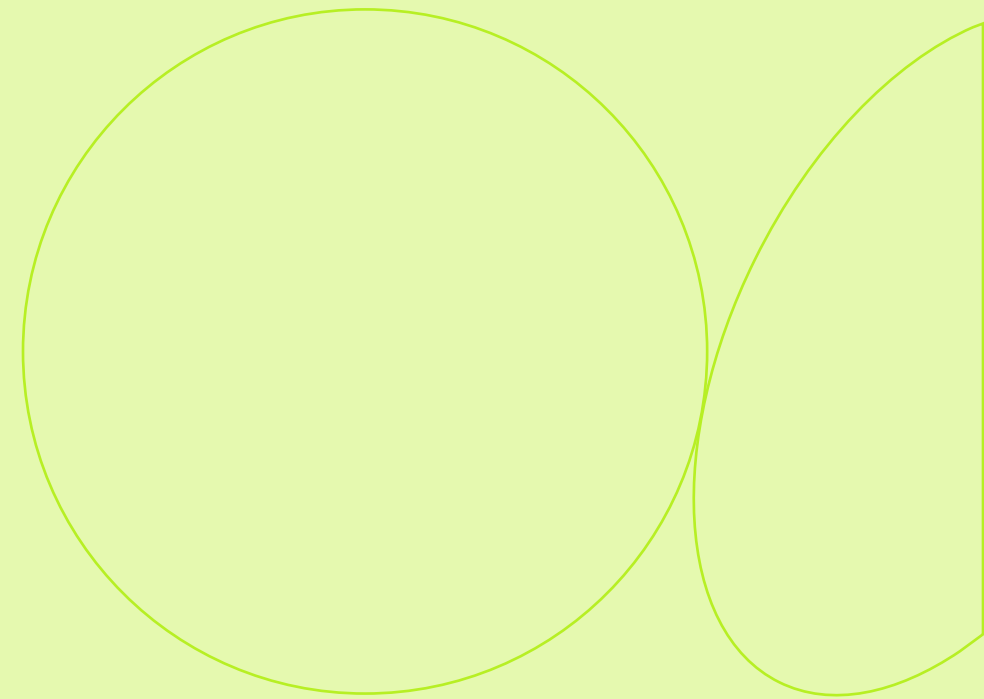
Seal Doors and Windows

Closing doors and windows helps maintain temperature, reducing heating and cooling energy needs.

Use Energy-Efficient Bulbs

Installing LED bulbs reduces electricity use and lasts longer than conventional lighting.





What YOU Can Do

Think Pair Share

Be an Energy Champion



Sigma Energy Viewer

Turn Off Unused Lights

Always switch off lights when leaving a room to save energy and remind others to do the same.

Shut Down Devices

Power down computers, tablets, and unplug chargers when not in use to reduce energy waste.

Maintain Room Temperature

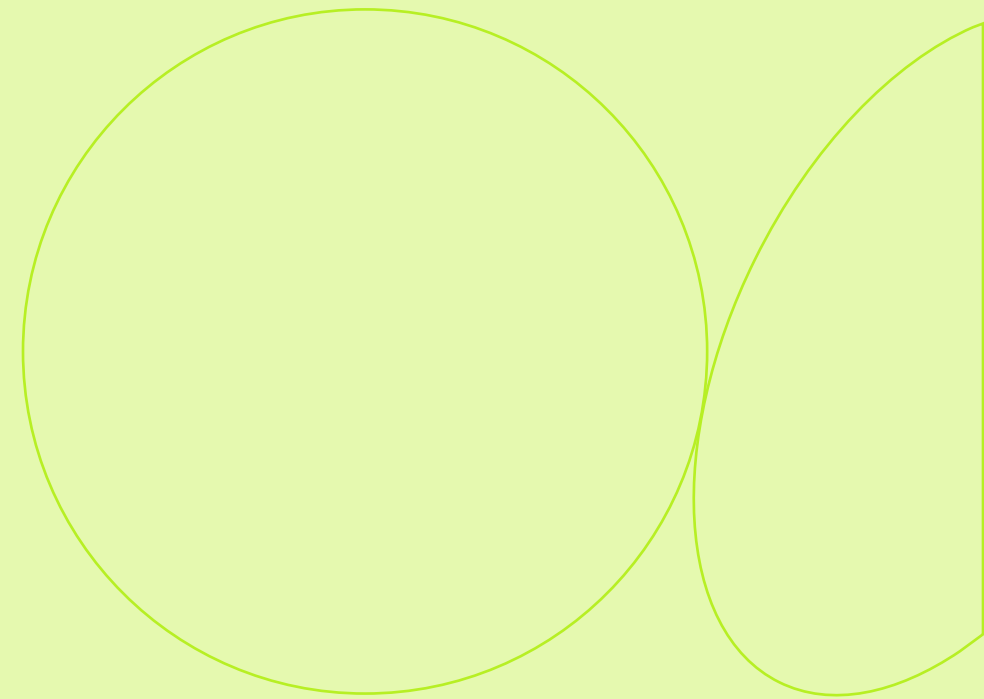
Keep doors closed to preserve classroom temperature and avoid wasting heating energy.

Encourage Energy Awareness

Report energy waste and promote saving habits among friends and family to create a positive impact.

What difference have you made to energy used by school this week?





Our School Goal

Working Together to Save Energy



School-wide Energy Goal

The entire school community shares the goal to reduce energy use and protect the planet.

Energy-saving Equipment

Installing LED lights and smart thermostats helps reduce energy but requires everyone's participation.

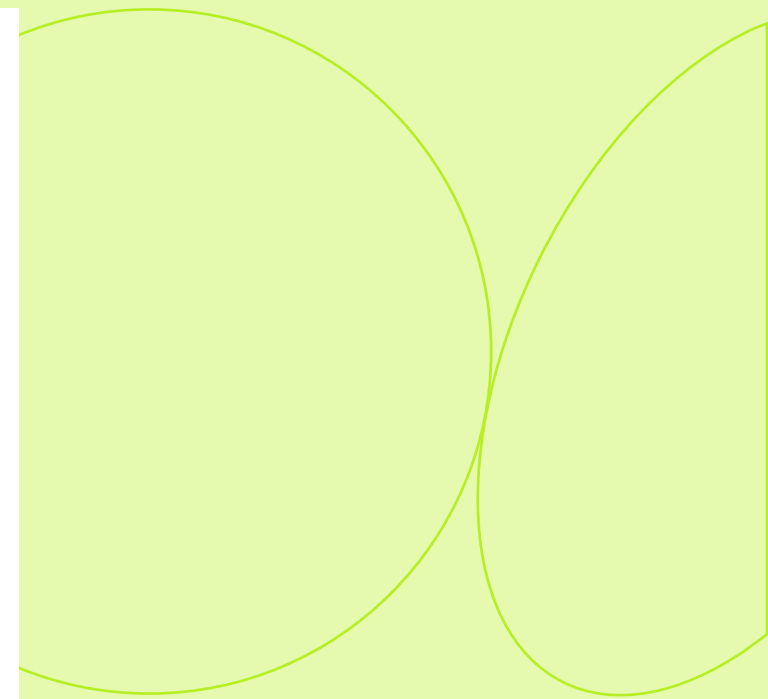
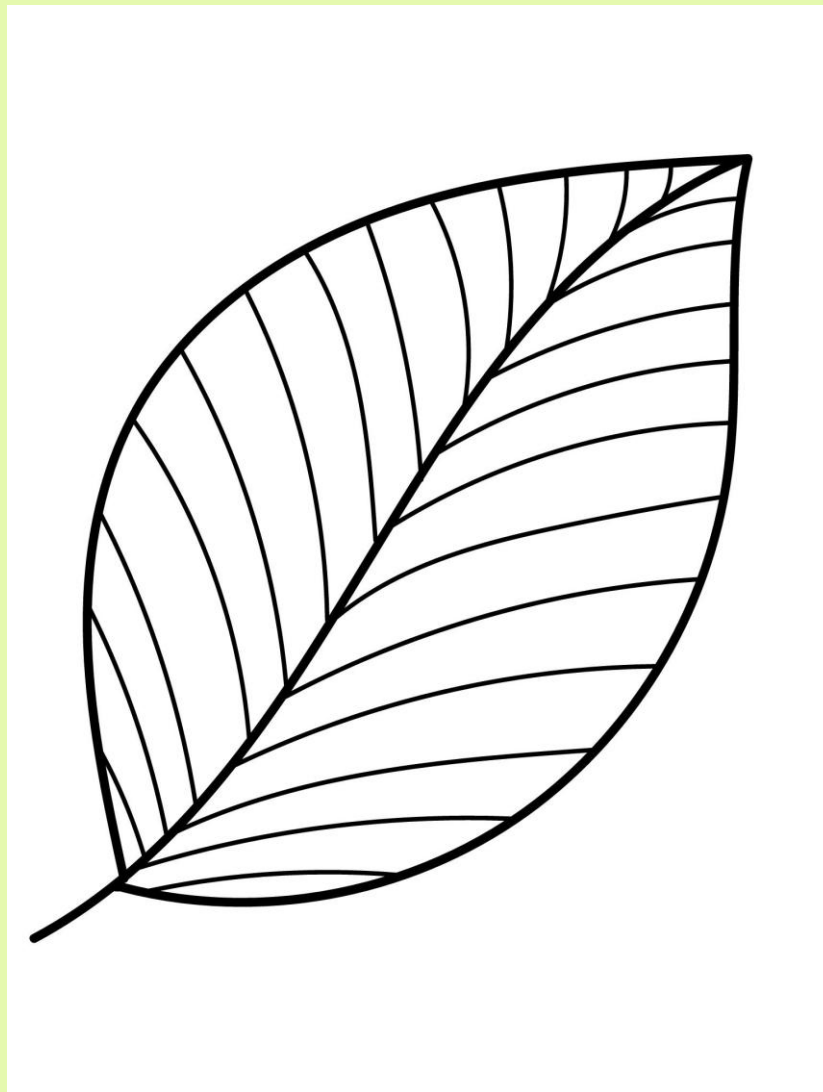
Student Involvement

Students form Energy Teams to monitor classrooms and encourage energy-saving habits among peers.

Family and Teacher Support

Teachers integrate energy tips into lessons and families practice saving energy at home.





Make a pledge!