

ENERGY EFFICIENCY AT SCHOOL

GENERATION **E**



WHAT IS ENERGY EFFICIENCY?

Use less
energy

Waste less
energy

Get the same
(or better!)
results

WHAT ARE THE DOWNSIDES OF NOT USING ENERGY EFFICIENTLY?

- ✱ More expensive
- ✱ Environmental impact
- ✱ Global warming and climate change
- ✱ Unnecessary waste of valuable energy



WHY IMPROVE ENERGY EFFICIENCY IN SCHOOLS?



Reduce
environmental impact



Spend money
on other things



Show the world
how it's done

HOW CAN CLASSROOMS SAVE ENERGY?



MAKE SMART LIGHTING CHOICES

Install LED light bulbs and fixtures

Turn lights off when not being used

Install lighting controls (occupancy sensors, dimmers, etc.)

Clean lights regularly

USE NATURAL SUNLIGHT



Daylighting



Heat source



Light source



All for free!



USE ELECTRONICS EFFICIENTLY

- * Power electronics off when not in use
- * Don't leave things charging forever!
- * Use smart power strips



OPTIMIZE HEATING & COOLING

Close windows and doors when heating or cooling systems are in use

Avoid using space heaters when air conditioning systems are in use

In the summer, adjust room temperature settings to 23.5°C or warmer for comfort

In the winter, adjust room temperature settings to 22.5°C or cooler



REDUCE WASTE

Water

Paper

**School
supplies**

WHY IMPROVE ENERGY EFFICIENCY IN SCHOOLS?



Set goals



Provide rewards



Have fun
doing it

ACTIVITY TIME!

GEN E

