



ENERGY EXPERT

“Never wastes electricity, and always turns off the lights when they’re not needed”

WHAT THEY DO:

Turns off the lights

Unplugs unnecessary items (with parents’ help!)

Reads books on different types of energy and how they are used



Why do we need the Energy Expert?

The energy sector (electricity, heat, and other energy) is the largest contributor to global greenhouse gas emissions, responsible for about 35 percent of total emissions. Electricity drives our lifestyles. Although some 790 million people in the world still lack access to electricity, for the rest of us, everything from a computer to a television and a refrigerator needs energy. You can save electricity by plugging appliances into a power strip and turning them off completely when not in use. By turning off your lights and using energy-efficient lightbulbs, you can also reduce your energy consumption and save money. Most of our energy is still produced using fossil fuels such as coal, oil and gas, which cause large amounts of greenhouse gases. . Encourage your parents to switch to energy from sustainable, renewable sources, such as wind or solar. And travel less, or bike, walk or take public transport, since cars and airplanes also need energy and are mostly running on fossil fuels causing harmful emissions.

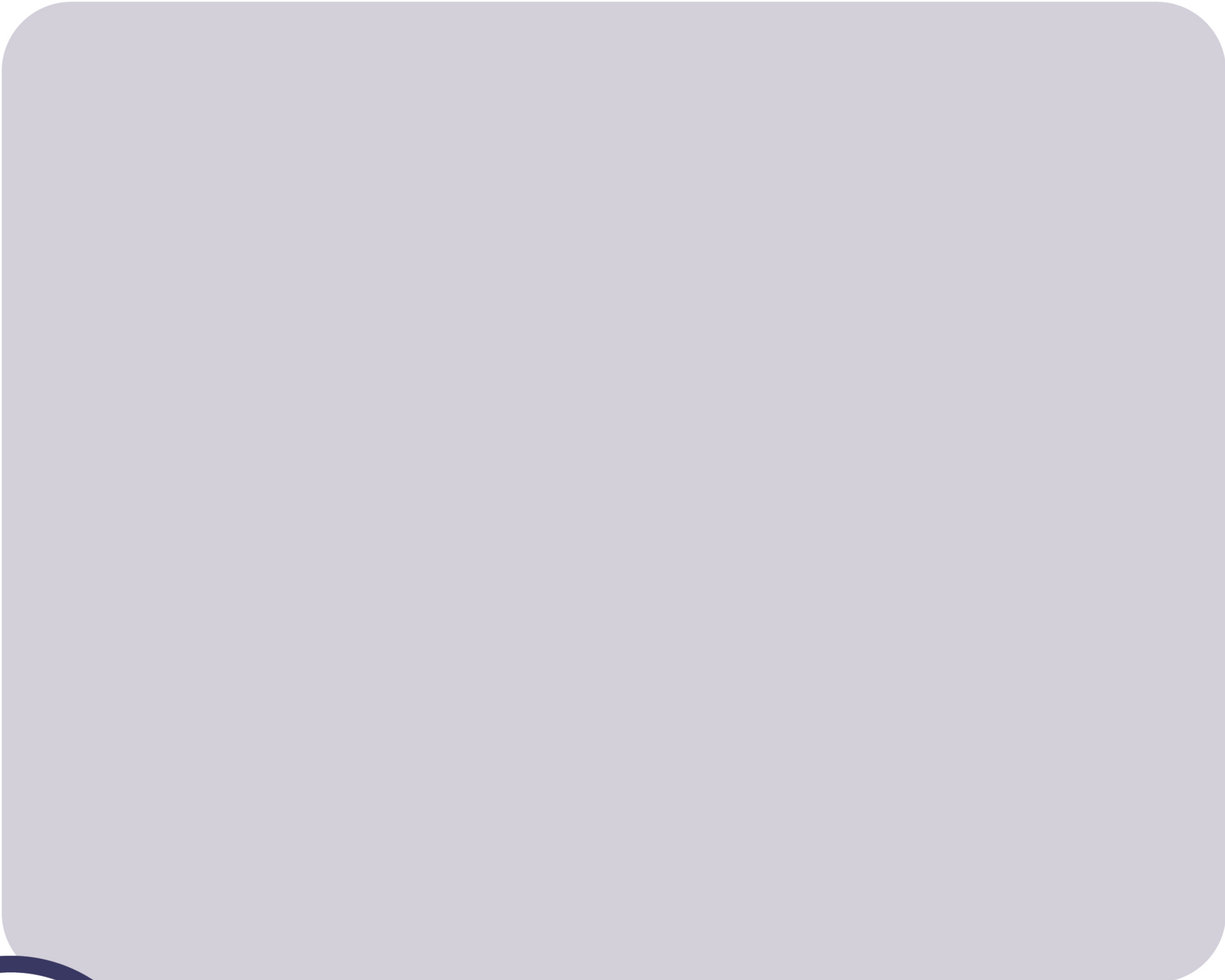
ACT NOW

SHARE THIS WITH FRIENDS AND USE THE HASHTAG **#ACTNOW**

www.un.org/sustainabledevelopment/climate-action-superheroes

YOU ARE A CLIMATE SUPERHERO!

DRAW YOURSELF AS A CLIMATE ACTION SUPERHERO



**GREAT JOB! SHARE THIS WITH FRIENDS AND
USE THE HASHTAG #ACTNOW**

www.un.org/sustainabledevelopment/climate-action-superheroes

ENERGY INDEX

POWER REMINDER



Instead of using oil, gas or coal, which pollute the environment, we could be using a lot more energy from cleaner sources that nature will replenish, called renewable energy. **Color in the image below and see if you recognize which items belong to each energy type!**



SOLAR - Solar energy is light, heat, and other forms of energy given off by the Sun.

GEOTHERMAL - Geothermal energy is heat derived within the sub-surface of the earth.

WIND - Wind power is harnessed by a machine called a wind turbine.

WATER - We can use the power of flowing water to produce electricity.

BIOMASS - Organic material that comes from plants and animals, including crops and trees, can be burned to produce energy – but this does produce harmful emissions.

HERO TIP:

When completed, place on your fridge as a reminder of the importance of renewable energy!

SHARE THIS WITH FRIENDS AND USE THE HASHTAG #ACTNOW

www.un.org/sustainabledevelopment/climate-action-superheroes

CERTIFICATE OF COMPLETION



ENERGY EXPERT



PRESENTED TO

FOR SUCCESSFULLY

Never wasting electricity and turning the lights off when not needed

YOU ARE A CLIMATE ACTION SUPERHERO!

ACT NOW

SHARE THIS WITH FRIENDS AND USE THE HASHTAG #ACTNOW

www.un.org/sustainabledevelopment/climate-action-superheroes