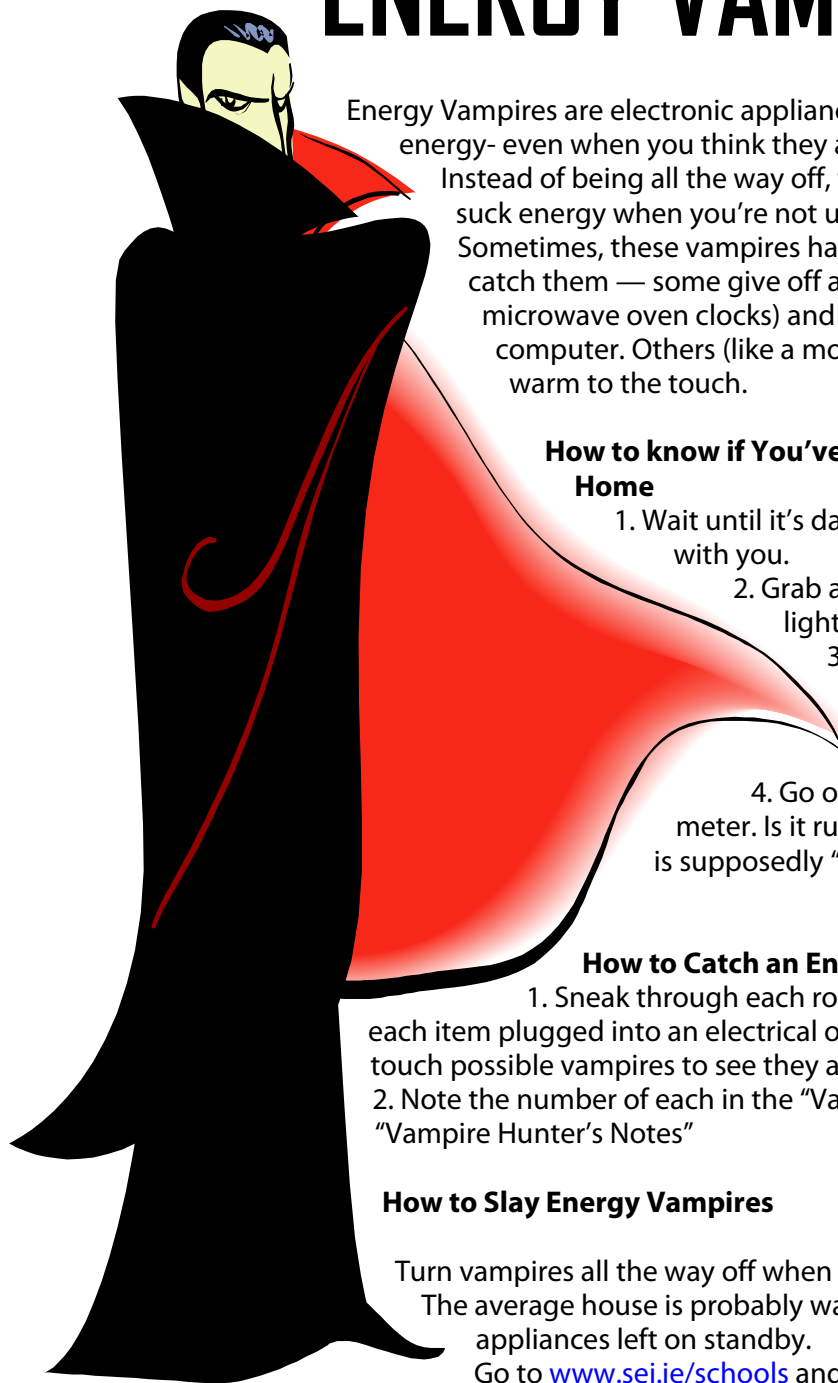


ENERGY VAMPIRE HUNT



Energy Vampires are electronic appliances that are constantly using energy- even when you think they are off!

Instead of being all the way off, they go into “stand-by mode” and suck energy when you’re not using them!

Sometimes, these vampires have a tell-tale sign that can help you catch them — some give off a little light (like DVD players or microwave oven clocks) and some make noise like a laptop computer. Others (like a mobile phone charger), might be warm to the touch.

How to know if You’ve Got Energy Vampires in Your Home

1. Wait until it’s dark outside and you have an adult with you.
2. Grab a flashlight and turn off all the lights.
3. Turn off everything in your home the way you would normally at night. Make sure all the lights are turned off.
4. Go outside and look at your electric meter. Is it running, even though everything is supposedly “off”? If yes, you’ve got vampires.

How to Catch an Energy Vampire

1. Sneak through each room in your home, and investigate each item plugged into an electrical outlet. Look for lights, listen, and touch possible vampires to see they are warm.
2. Note the number of each in the “Vampires Found” column on your “Vampire Hunter’s Notes”

How to Slay Energy Vampires

Turn vampires all the way off when you’re done with them.

The average house is probably wasting €50 annually with appliances left on standby.

Go to www.sei.ie/schools and learn more ways to save energy!



ENERGY VAMPIRE HUNT



Common Vampires and how much energy they suck when "off" (in kilowatt-hours (KWH) a year)	No of vampires found	cost per year	Money saved by vampire slayers each year
TV- 42' Plasma Flat screen (158.1 kWh)		x €28.68	
TV 32" LCD flat screen (35.2 kWh)		x €6.36	
TV 15" LCD flat screen (26.3 kWh)		x €4.80	
TV 28" traditional CTR screen (26.7 kWh)		x €3.90	
' traditional CRT screen (26.3 kWh)		x €4.80	
TV14" traditional CRT screen (26.3 kWh)		x €4.80	
Music system (17.6 kWh)		x €3.18	
Video recorder (70.3 kWh)		x €12.72	
Digital recorder (17.6 kWh)		x €3.18	
DVD player (17.6 kWh)		x €3.18	
DVD /VCR (35.2 kWh)		x €6.36	
Games consule - basic version (8.8 kWh)		x €1.62	
Games console - newest version (17.6 kWh)		x €3.18	
Cable box (26.3 kWh)		x €4.80	
Satelite receiver box (26.3 kWh)		x €4.80	
PC- desktop with 17' screen (114.2 kWh)		x €20.70	
PC desktop with 15' flat screen LCD (96.6 kWh)		x €17.52	
Laptop (96.6 kWh)		x €17.52	
Printer - inkjet (43.9 kWh)		x €7.98	
Printer- laser (123 kWh)		x €22.32	
Multifunctional- printer/scanner (131.8 kWh)		x €23.88	
Modem (43.9 kWh)		x €7.98	
Scanner (187.8 kWh)		x €15.9	
Clock Radio (43.9 kWh)		x €7.98	
Phone charger (3.2 kWh)		x €0.58	
ipod charger (5.5 kWh)		x €2.54	
Microwave Oven (23.2 kWh)		x €4.20	
TOTAL VAMPIRES FOUND		TOTAL MONEY	

Calculate your Energy Vampire Drain: To find out how much energy and money the Vampires are draining out of your house, multiply the number of vampires found by the amount of money each one costs you each year. Then add all the numbers in the "Money" section. How much would you save each year by hunting the energy vampires?

Calculate Ireland's Energy Vampire Drain: Now take the total money sucked from your home, and multiply it by the number of homes in Ireland which is 1,469,521 . If everyone had as many Energy Vampires as you, together, we would loose € ??? (you need to work this out)