

Tips of an

*at
home*



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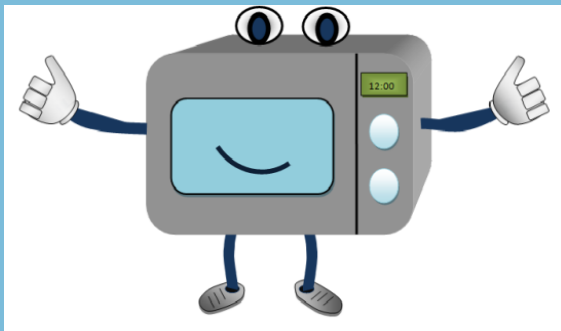
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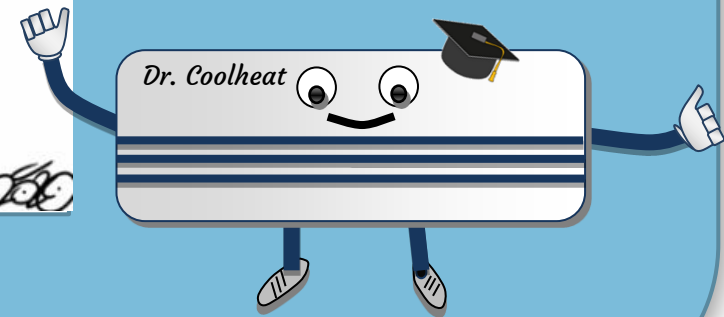
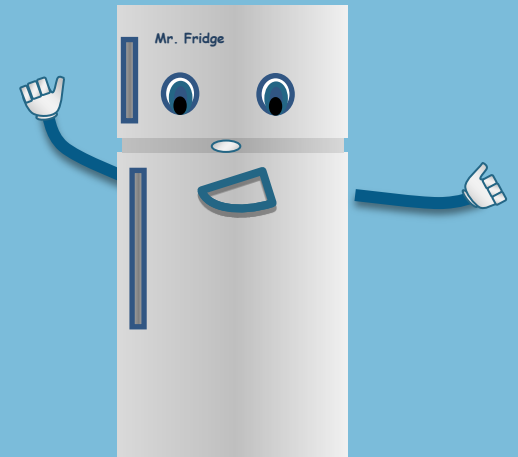
ECO Light



Mrs. Micro



Mr. Fridge



Dr Coolheat

APPLIANCES

Replace incandescent light bulbs with energy saving bulbs such as LED

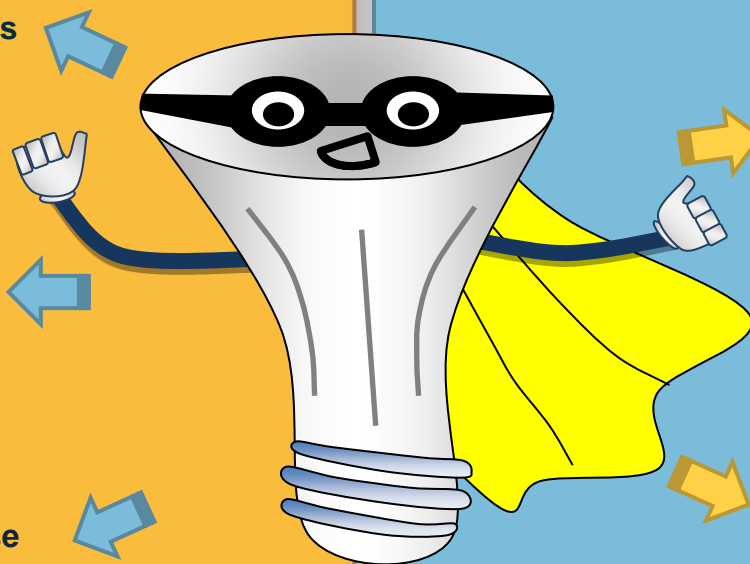
Install motion sensors or timers on lighting such as parking garages, building entrances and yards.

For outdoor lighting choose fixtures with solar panels for free illumination at night.

HABITS

Turn off lights when they are not needed

Learn to take advantage of natural lighting instead of depending on artificial.



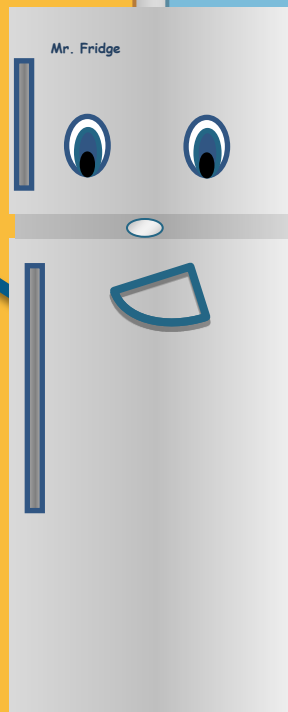
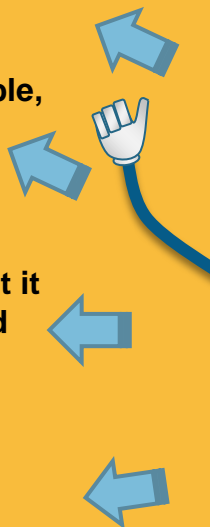
Appliances

Choose appliances with high energy classes such as A++, A+, A.

Washing machines: When possible, connect them with the water heating solar panel.

Refrigerator: Check the rubber lining of the door to establish that it applies correctly in order to avoid loss of refrigerated air.

Invest in a solar water heater



Habits

Choose programs with low temperatures for washing machines and dishwashers. Only start the cycles when the bins are full.

Refrigerator:

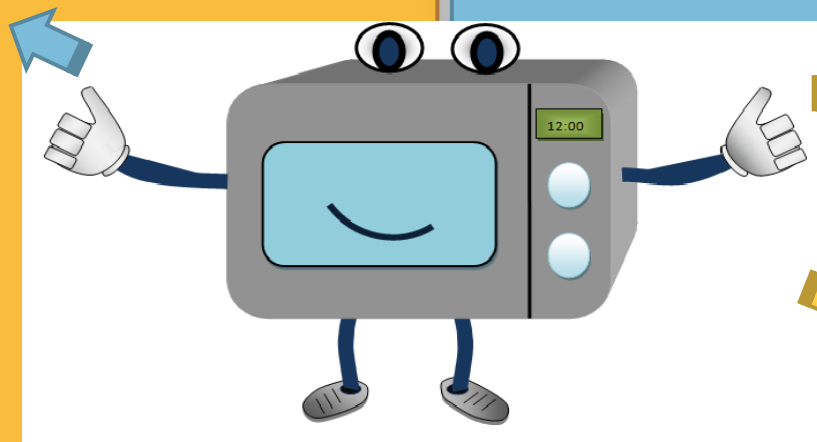
- Should be placed with a gap from the wall and the surrounding cabinets allowing air to circulate around the motor.
- Should be placed at a distance from heat sources and sunlight
- Defrost frequently in order to improve yield

Pots and pans should apply correctly to the cooktops.



Appliances

Connect small appliances to multipurpose extension lead with a switch



Habits

When heating a small portion of food prefer the microwave oven.

Choose a kettle for heating small amounts of water.

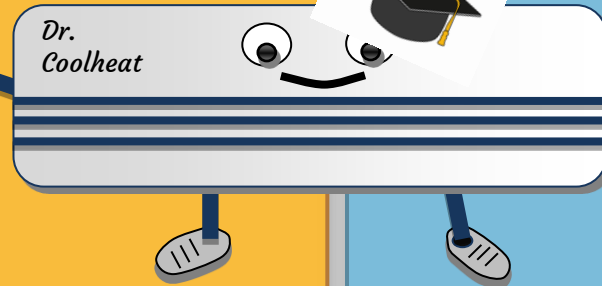
Close appliances when not using them instead of leaving them in standby mode.

Appliances

Choose inverter air-conditioners

The outdoor unit of the air conditioner should be in a shaded and well aired area.

Use a fan instead of an air conditioner



Habits

Heat should be regulated: at no more than 20° c in the winter and no less than 25° C in the summer

Have annual maintenance done

In the winter air out your homes in the afternoon. In the summer air them out at night..

When regulating temperature (heating or cooling) isolate areas that are not used.





Home appliances account for 1/3 of our total energy consumption.



Energy saving light bulbs use 5 times less energy and can last up to 10 times longer.



Appliances in “Stand by” mode use 10% of the anticipated energy consumption they would need if they were on.



For every 1°C that we increase heating or cooling our energy consumption goes up 5% to 10%



Placing the refrigerator next to a heat source can increase electrical consumption by 30%



By using a fan instead of an air conditioner for 30 days we could reduce greenhouse gases by 600-700 Kg.





Bibliography:

- <https://www.protothema.gr/afieromata/home-inspiration/article/678541/tropoi-gia-exoikonomisi-energeias-sto-horo-mas/>
- <http://energy.reporter.com.cy/saving/article/75763/10-1-tropoi-exoikonomisis>
- <https://energypress.gr/news/exoikonomisi-energeias-sto-spiti-me-5-kiniseis>
- <https://www.energy.gov.au/households/energy-basics-householders>
- <https://www.youtube.com/watch?v=-KncYMLznq8>
- <https://www.energysavingsteam.eu/interactive-house>



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