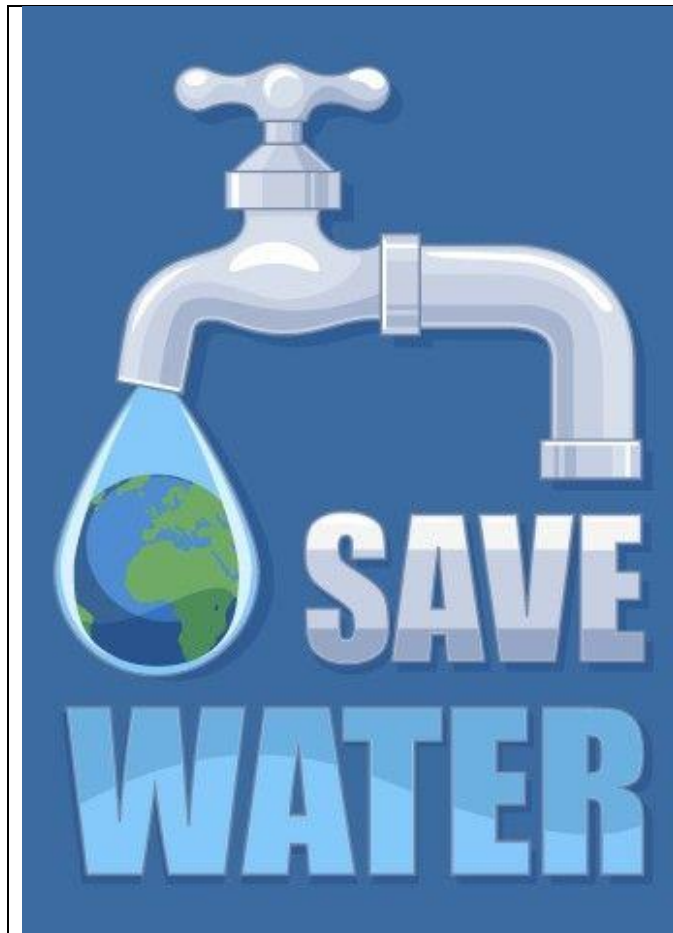




**ELECTRICITY, WATER AND WASTE WATER (SEWER) AWARENESS CAMPAIGN – 30 SEPTEMBER 2021**

**DIPALESING MUNICIPALITY**

**THEME: Water is Life and Sanitation is Dignity**



**PLEASE SAVE WATER**

South Africa is a Water Scarce Country, help us save water

**Don't flush if it's not necessary**

*"If it's yellow, let it mellow"*

*"If It's brown, flush it down"*

**Thank you for using less Water Wisely**

Every Drop Counts

Niyacelwa futhi ukuthi nisebenzise amanzi ngokucophelela. Asizameni kakhulu nokonga manzi ngoba abalulekile ezimpilweni zethu.

# The DOs & DON'Ts of Water Conservation

## BATHROOM



- ✓ Do take short showers and save 5 to 7 gallons a minute.
- ✓ Do fill the tub halfway and save 10 to 15 gallons.
- ✓ Do install water-saving toilets, showerheads and faucet aerators. Place a plastic bottle filled with water in your toilet tank if you can't switch to a low flow toilet.
- ✗ Don't run the water while shaving, washing your hands or brushing your teeth. Faucets use 2 to 3 gallons a minute.
- ✗ Don't use the toilet as a wastebasket, and don't flush it unnecessarily.

## KITCHEN & LAUNDRY

- ✓ Do run the dishwasher and washing machine only when full. Save even more by using the short cycle.
- ✓ Do install faucet aerators.
- ✗ Don't let the water run while washing dishes. Kitchen faucets use 2 to 3 gallons a minute. Filling a basin only takes 10 gallons to wash and rinse.
- ✗ Don't run water to make it cold. Have it chilled in the refrigerator, ready to drink.



## EVERYWHERE



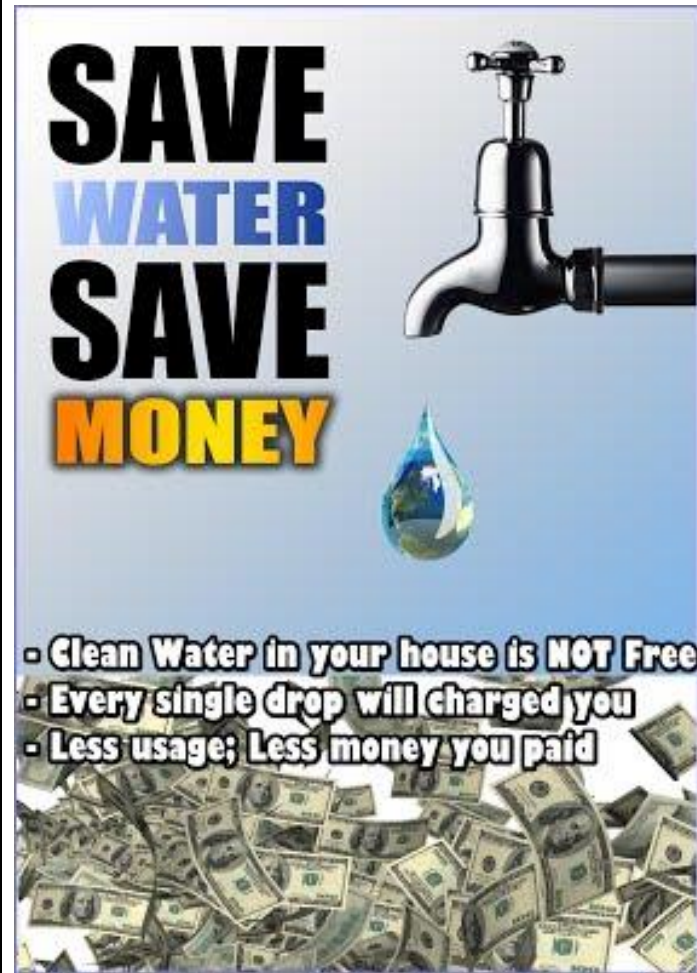
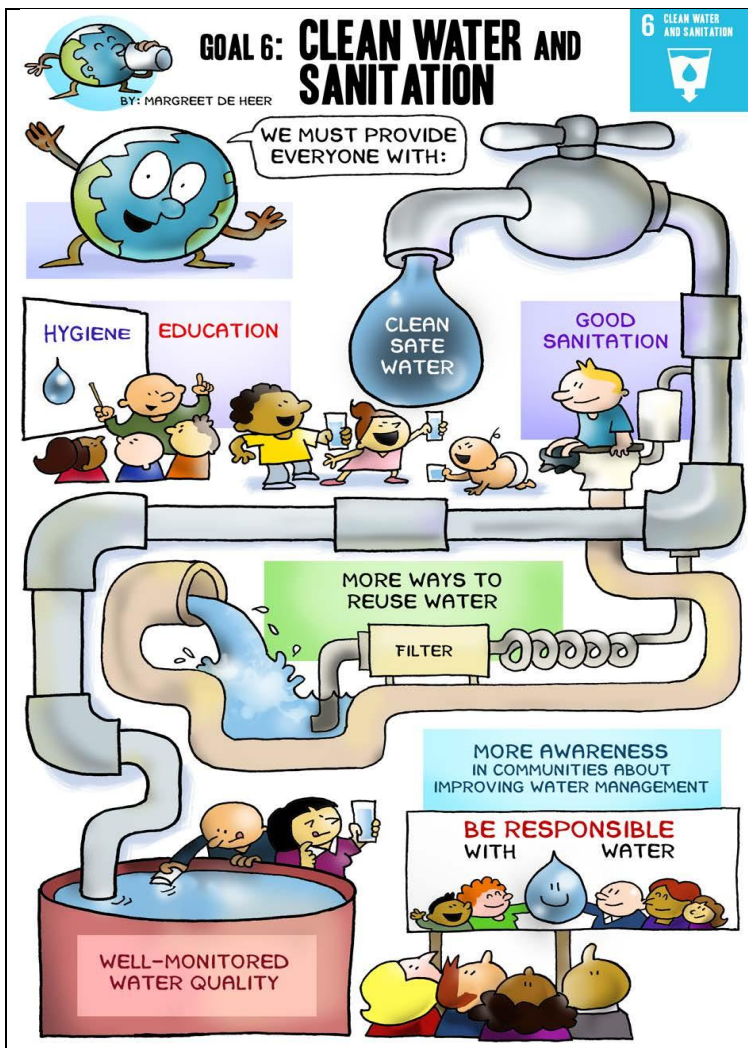
- ✓ Do repair leaky faucets and turn taps off tightly. A slow drip wastes 15 to 20 gallons each day.
- ✗ Don't open fire hydrants.

## OUTDOORS

- ✓ Do use a self-closing nozzle on your hose.
- ✗ Don't water your sidewalk or driveway - sweep them clean.
- ✗ Don't overwater your lawn or plants. Water before 9 a.m. or after 7 p.m.



**Do share this information with family and friends.**



**SUSTAINABLE DEVELOPMENT**



## SEWER/SANITATION

### **Prevent blocked sewers**

**The Municipality has to clear an excessively high number of sewer blockages each year. On average, we attend to nearly 120 sewer blockages every month. Clearing these blockages costs us thousands of rand, which could be used elsewhere for other basic services.**

### **How to avoid sewer blockages**

**Blocked and overflowing sewers can be dangerous to your health, are unpleasant and smell bad. Blocked sewers are also bad for our environment, because sewage overflows into our streets, stormwater systems, rivers and into the sea.**

Mphakathi,

Niyacelwa ukuthi ningafaki izinto ezifana nama Pampers, Pads, amatshe, newspapers nokunye okungafuneki kuma - sewer manholes nakuma - Toilets. Izinto ezingafuneki nenza i-sewer iblokheke bese loko kubanga anagciwane, izifo nokugula.





# THINK BEFORE YOU FLUSH

FLUSHING SANITARY PRODUCTS DOWN THE TOILET CAN CAUSE BLOCKAGES AND CAN END UP POLLUTING OUR MARINE ENVIRONMENT

Thousands of used sanitary products are flushed down the toilet everyday



2/3 of all drain blockages contains sanitary waste

The wastewater system is not designed to deal with large amounts of sanitary waste



Smaller items that are flushed, such as cotton buds, can escape through filters at the treatment plant and reach our rivers and beaches

Sewage related litter causes harm to the environment and can pollute our water supply and coastlines

# ELECTRICITY

## **GUIDELINES ON HOW TO SAVE ELECTRICITY**

1. Pour adequate level water in a kettle
2. Avoid opening oven frequently to keep it warm till you finish cooking
3. Convert the household lights into CFL/ energy saving lights.
4. Unplug all unused appliances
5. Keep refrigerator closed
6. Geysers need to be covered by Geyser blanket to keep it warm for longer period.

## **SAFETY MEASURES TO CONSIDER WHEN USING ELECTRICITY**

**1. Regularly check all your outlets:** Overloaded outlets are the main cause of electrical fires in homes. Never exceed the maximum power consumption permitted to avoid dangerous faults.

**2. Have a professional repair your electrical appliances.**

**3. Never touch electrical appliances with wet hands:** It is tempting to touch a hairdryer or shaver with wet hands but you should never fall for it. Make sure your hands are perfectly dry before using any electrical appliances to avoid serious injuries.

**4. Wear shoes while using power tools:** It is important to wear proper attire when handling outside power tools like the lawn mower. You might think it's cool to mow the yard without shoes on until the blades catch your toes.

**5. Make sure your home has proper/functional Earth Leakage.**

**6. Make sure your lights are stable:** When you switch on the lights at home, watch closely to make sure they do not flicker or turn off without a reason. Loose or broken wires are the main cause of real fire dangers.

**7. Never use water to douse electrical fires:** If you see fire coming from an electrical outlet, do not try using water to stop it. Electricity feeds on water so you must instead use a fire-retardant chemical extinguisher.

**8. Read the warning signs:** Warm outlets, burning smells, loose outlets are a sign that something dangerous is cooking. If you notice any of these signals, call in an expert immediately to avert trouble before it is too late. Make sure electrical appliances.



# ELECTRICAL SAFETY

## While Working From Home

⚡ Do you have a **home office** or **work from home**? Follow these **electrical safety tips** to keep you and your home safe from electrical hazards.



**1** Avoid **overloading outlets**.



**2** **Unplug appliances** when not in use to save energy and minimize the risk of shock and fire.



**3** **Regularly inspect** electrical cords and extension cords for damage.



**4** Extension cords should only be used on a **temporary basis**.



**5** Never plug a space heater or fan into an **extension cord** or **power strip**.



**6** Never run cords under **rugs / carpets, doors, or windows**.



**7** **Plug in smartly**. Make sure cords do not become tripping hazards.



**8** Keep papers and other potential combustibles at least **three feet away** from space heaters and other heat sources.



**9** Make sure you use **proper wattage** for lamps / lighting.



**10** Make sure your home has **smoke alarms**. Test them monthly, change batteries yearly, and replace the unit every 10 years.

*Wherever you work, it's always important to be safe.*

Please share this free resource to save lives



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# Use energy wisely



from the professionals at your local energy cooperative









## Try this & save...

Use this guide to create an awareness of your lifestyle and learn what effects it can have on your energy budget. Make this your first step to better energy management.



## Reduce office energy use to help curb loadshedding

It is as easy as 1, 2 ...6 to be energy efficient at the office with easy behaviour changes that are cost free

-  Use the cold water tap rather than using the geyser every time
-  When you leave the office, **remember** to switch off the lights
-  Only fill kettles with as much water as you need
-  Set air-conditioners' average temperature in winter at 20 C
-  Be energy efficient and change your light bulbs to energy efficient lights/LED's
-  At the end of the day, turn off computers, copiers, printers and fax machines at the switch. Avoid stand-by or sleep mode.



# ELECTRICAL SAFETY TIPS

## 1 Only Use Portable Equipment Close to a Plug

In the event of an emergency, using a piece of portable equipment close to a plug provides you with the ability to quickly and easily remove power from the device.



## 2 Place Clearly Identified Power Switches Close to Fixed Machinery

The last thing that you want to have to do in an emergency situation is fish around the back of a fixed device for the power switch. Ensure that power switches are clearly identified and accessible so that they can be quickly turned off.



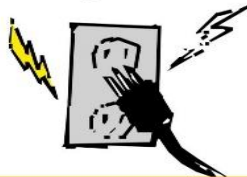
## 3 Place 'DO NOT USE' Labels on Potentially Faulty Items

Even if you aren't entirely sure that an electrical item is faulty to the point of being dangerous, it should be marked clearly with a label that says DO NOT USE, and removed from its working location (if possible) until a trained professional can come to assess the situation.



## 4 Never Pull a Cable to Release a Plug from the Wall

It might take longer to cross the room, but ensure that you hold the plug as you pull it out of the wall and not just the cable. If possible you should also turn the socket off at the wall before unplugging the device.



# ELECTRIC SAFETY: FAMILY SAFETY



## DO'S

## DON'TS

- ✓ Use outlet covers to protect small children.
- ✓ Keep kites and balloons away from overhead power lines.
- ✓ Get an adult to call 1-800-ENERGY if a toy gets tangled in power lines.
- ✓ Stay away from downed lines after a storm or high winds.



- ✗ Don't go near electrical equipment.
- ✗ Never put electrical appliances near water.
- ✗ Don't climb trees near power lines.
- ✗ Never put fingers or objects into electric outlets or appliances.



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