

MANZI'S NEWS

A Newsletter for Manzi's Friends



July 2019



CONTINUING TO CELEBRATE OUR ENVIRONMENT

Hi Friends

It is always a pleasure to write to you, our loyal Manzi's News buddies, who honestly care and are willing to gather as much information as possible about our planet Earth. During June 2019 we celebrated and shared information about the environment and beating air pollution. The environment is our surroundings, something we are familiar with and needs to be taken care of, but some of us are unable to see the value it adds to our existence and the existence of future generations.

Environment refers to everything that makes up our surroundings and makes it possible for us to live on Earth. For example, just breathe in and out! What is it that you breathe in and out? What are you standing on? What did you eat today? What warms and lights up our day? If you are able to honestly answer those few questions, you are able to see the importance of the environment and the reasons for us to celebrate it. Just walk out of the house and look around you and make a list of what you see in your surroundings. The list is endless!

Celebrate our environment



Credit: Pinterest

All the things in our environment are connected to one another, just like blood that connects the family. If one family member is not feeling well, the rest of the family is affected. This means that all the living and non-living things in the environment are connected. The purpose might not be seen as direct benefits but the fact is everything natural in the environment serves a purpose. For example, the Sun, other than shining for us, provides radiant energy which plants are able to convert during photosynthesis. Once plants have produced their own food we humans get fruits, vegetables, oxygen and much more from plants. Whoever thought that plants can do so good by giving off oxygen to be used by animals?

We do not want this environment



Credit: Britannica.com

A healthy environment means healthy people and animals!



Last month we learnt that air pollution is one of the types of pollution which occurs in our environment. But what do we know about other causes of pollution in our environment? Let us take a look into water pollution and its causes.

Water pollution is the contamination of water bodies (for example: rivers, groundwater, oceans, lakes and aquifers) mainly caused by human activities. Water pollution occurs when pollutants (for example: substances, chemicals or particles that make water contaminated) are discharged directly or indirectly into water bodies without enough treatment to get rid of harmful compounds. Some are discussed below.

Types of water pollution	Causes of water pollution	Effects of water pollution
Oxygen depletion	Is caused by biodegradable matter (things that decay easily in water).	They use up more oxygen in the water. If oxygen is depleted microorganisms die because of a lack of oxygen.
Surface water pollution (rivers, lakes, dams, etc.)	Caused by hazardous substances when they come into contact with surface water.	The water become dangerous for plants and animals living in or drinking the surface water.
Nutrient pollution	Caused by a high level of nutrients from farming and sewage.	Result in more algae growing in the water which compete with water organisms, which can eventually fill them.
Ground water pollution	Caused by the application of herbicides and pesticides on farms.	It ends up polluting water underground.

The **little** that one can do **ABOUT** the environment, **THROUGH** the environment, **FOR** the environment and **IN** the environment will make a remarkable difference. The action you take might look tiny but it does really make a difference. Starting from now we can all do the following in order for us to keep our environment healthy for a better life for ourselves, the plants and animals that rely on the environment for survival:

- Throw litter in the dustbin.
- **Recycle** the recyclables, **Reuse** the reusables, and **Reduce** the use of disposables.
- Say **NO** to plastics!
- Stop burning garbage and rather put it in the dustbin.
- Encourage the use of public transport where possible and use lift clubs.
- Share environmental knowledge.



Credit: Chris John



References for Newsletter:

- www.courtlandconsulting.com/great-newsletter-tips
- www.Britannica.com

For more information on being Water Wise please contact 0860 10 10 60 or logo onto www.waterwise.co.za.

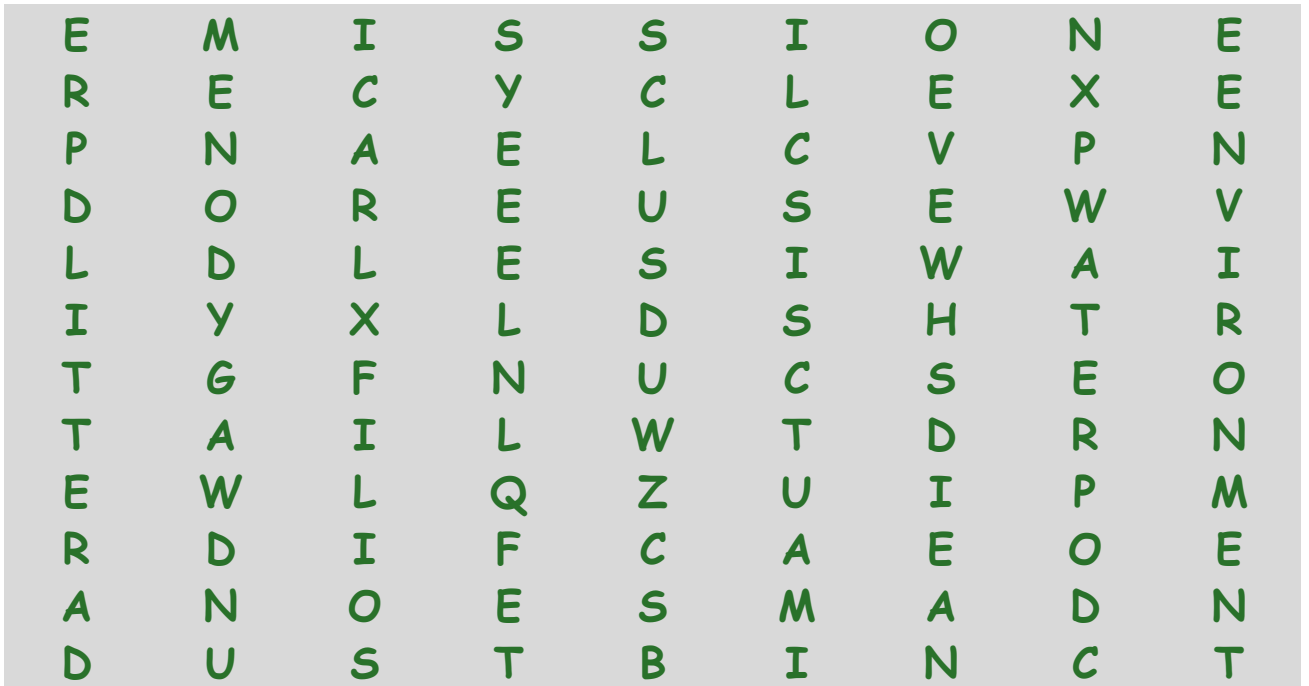


ENVIRONMENT ACTIVITY

1. Complete the missing letters of the words that are based on the environment and its problems:

REU_E	A_R	S_IL	EMI_SION	L_TTER
EN_IRONMEN T	_ECYCLE	P_LLUTION	CLE_N	W_ND
WATE_	R_DUCE	DUS_BIN	DA_S	W_SE

2. Now encircle the words within the Word Search.
(The words are written forwards, backwards, down, up and diagonally).



Let us join hands together!
Remember to be Water Wise and become part of the solution to pollution
NOT part of the pollution problems.

MY ENVIRONMENT! YOUR ENVIRONMENT! OUR ENVIRONMENT!



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