



Do you know that this waste can be converted into nutrient rich soil?

**Yes!! It is possible through composting.**



**What is composting???**

**When kitchen waste such as vegetable peels, tea/green tea bags, apple cores, eggshells, stale bread, and even paper plates, changes into soil like material. ie compost is called composting.**

**WHAT IS COMPOST?**

**Compost is organic material that can be added to soil to help plants grow.**

**Now let's learn how to make compost at home.**

**THINGS YOU NEED:**

- Empty 2L plastic bottle (if that's not available then you can use of any size.)
- Dry mud
- Plant waste- dry leaves, twigs, dry grass, wet tea leaves etc
- Spray bottle
- Scissors
- Safety pin/ Push pin

### STEPS TO FOLLOW:

- Rinse your bottle.
- Cut the neck of the bottle using scissors. (To be done under adult supervision.)
- Now, using safety pins make a few holes at the bottom of the bottle.
- Add the dry mud, plant waste and shredded paper into it.
- Now, sprinkle some water into it and then add your kitchen waste like banana peel, vegetable waste etc.
- Lastly, keep it at a place where there is good sunlight.
- Don't forget to stir the contents of the bottle daily.
- Now, wait for a few days to see the waste changing into soil like thing- compost.

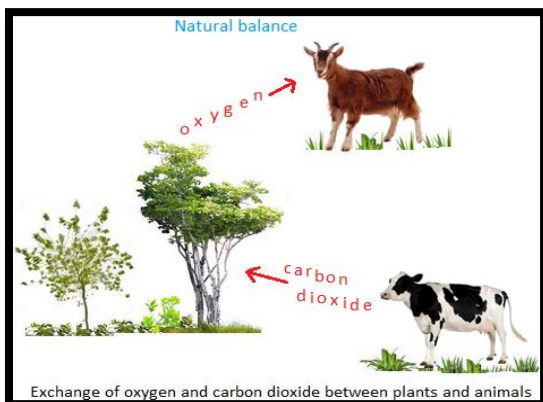
### THINK AND WRITE!!!(To be done on an A4 size sheet.)

Your experience.

Is the compost produced useful for the plants? if yes, then how?

If all the families of the world adopt this practice, then how can it be a gift for OUR MOTHER EARTH?

### Read the following topics for Group Discussion.



#### 1. INTERDEPENDENCE IN NATURE

Animals and plants depend upon each other for various reasons. Plants depend on animals for  $\text{CO}_2$ , (used during photosynthesis), bees and butterflies help in pollination and dispersal of seeds. Earthworms and other organisms make the soil fertile for plant growth. Animals depend on plants for food, medicines,  $\text{O}_2$ , removal of  $\text{CO}_2$ , shelter, etc. Thus all organisms depend upon one another for their basic needs for survival. This is known as interdependence.

## 2. LOCKDOWN A BLESSING FOR NATURE

To defeat this deadly virus, everything is locked down, the factories are shut, public transport is closed, no cars and vehicles are allowed on roads, offices, gyms, restaurants, schools, colleges, businesses are closed. In short, human beings are not disrupting nature like before. Birds are chirping, air pollution is decreasing, water is clear and animals are returning to their habitats. Sky is clearly visible with beautiful stars, the Moon and even the Venus every night. Rivers are self-cleaning in absence of industrial wastes in India. The water of the river Ganges in Rishikesh is even fit for drinking for the first time in so many years. China and other countries have recorded less pollution, dolphins are returning to the seas all around.

Our Earth is happy again! Mother Earth is healing quickly without any pollution, Coronavirus is not the actual virus, it's like a vaccine for the Earth, against the real virus which are human beings!



### WORDLY WISE

Given below are the **antonyms**(words which mean the opposite) of the words we have learnt in the last three days. Try and complete their spellings.

- a) conservation – d \_st \_u \_ tion
- b) population – di \_con \_ \_ c \_ion
- c) contamination – p \_r \_f \_c \_t ion
- d) pronunciation – m \_s p r \_n \_n \_i \_ tion
- e) conversation -- s \_le \_c \_

**(Please remember:- This work is to be done in the Vocabulary notebook or the second half of your Lifeskills notebook.)**

### Vocabulary Enrichment

Children, in this section we are familiarising you with single words which convey something that is more than ordinary. We need to replace these with a single word to make the language more compact and richer. Let's look at the word for today:-

**very weak** can be replaced with the word '**feeble**'

**Example:** He looked **feeble** after recovering from fever.

You must try and make use of them while conversing with others.