



ENVIRONMENT EDUCATION PROGRAMME
Ministry of Environment, Forest and Climate Change

ECOTOPIA CARD GAMES

“Play is our brain’s favourite way of learning”.

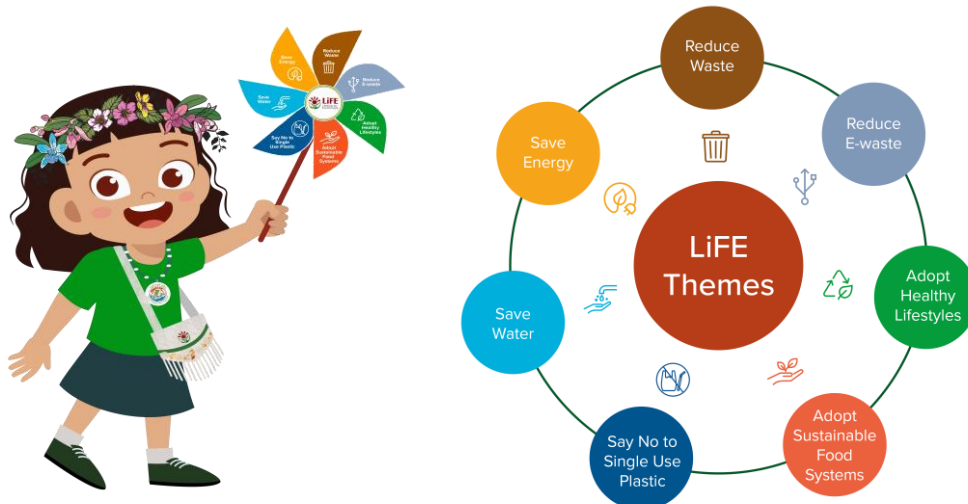
Diane Ackerman

Children love to play. Play is the basis of almost all learning in early childhood. Play way method of teaching is always fun filled and helps in developing the cognitive, physical, social, and emotional well-being of children.

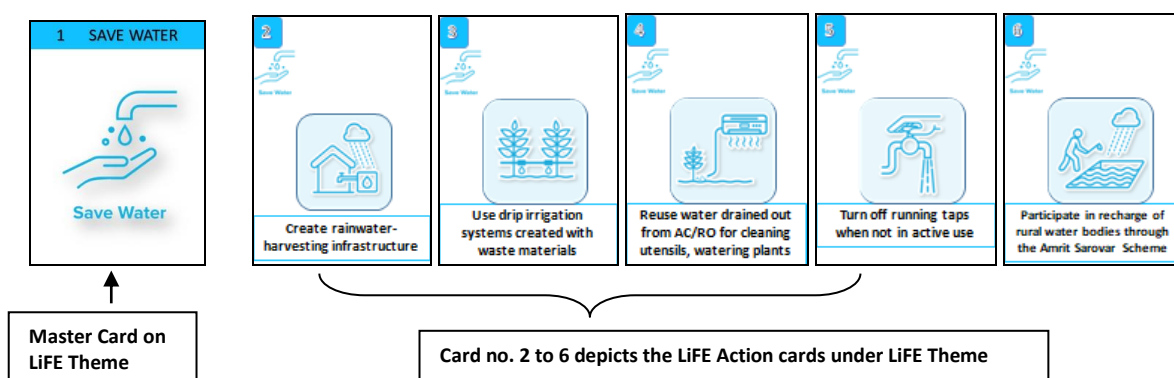
“Today’s children are the global citizens of tomorrow. They influence their families and shape their attitudes, and thereby the society. So, children, during their formative years (5 to 14), when they are most receptive to messages and information, need to be educated about the environment and the long-term impact of our present actions. This will have a cascading effect on society”.

National Education Policy (NEP) 2020 stresses upon appropriate integration of environmental awareness and sensitivity towards its conservation and sustainable development in school curricula. Educational card games are a great way to incorporate fun into learning. ECOTOPIA CARDS is a unique initiative of Environment Education Programme (EEP) of MoEF&CC for making children aware of the world around them. ECOTOPIA CARDS are developed with following aims-

- Provide a fun way of learning about environment.
- Sensitize children on issues related to environment and to motivate them to adopt sustainable lifestyle
- The game will help in developing 21st century skills like sorting, observing, reading, creativity, decision making and problem solving among children.
- Bring behavioural change in students by adopting environmental friendly actions.
- Make children a responsible citizen for conserving environment in a fun way method.



ECOTOPIA CARD Game is based on the 7 themes of Mission LiFE to nudge individual and community action to protect and preserve the environment. Each LiFE theme is comprised of 6 cards depicting ‘**LiFE Actions**’. The first card is the **Master Card depicting the LiFE Theme** (with number 1 written on it) and the remaining **5 cards depicts the ‘LiFE Actions’** (with number 2 to 6 written on it) under each theme. The pack of ECOTOPIA Card also consists of **2 Mascot Cards**. Hence the pack of ECOTOPIA CARD GAME consists of a total of 44 cards. The card also consists of colour code as per the LiFE Themes shown in the figure above. It is a two to six player game that can be played in more than one way.



The Mascot Card



Backside of Each card

GAME 1- ECOTOPIA STACK

For 2 to 6 players - To win the game players need to collect 6 cards on the same LiFE Theme.

Step 1: Shuffle the cards and distribute 6 cards to each player.

Step 2: Keep rest of the cards upside down

Step 3: Decide the LiFE theme on which you want to collect all the 6 cards.

Step 4: Pick up one card from the DECK (which is kept upside down)

- If you require it keep it to yourself and pass on another card to the next player.

OR

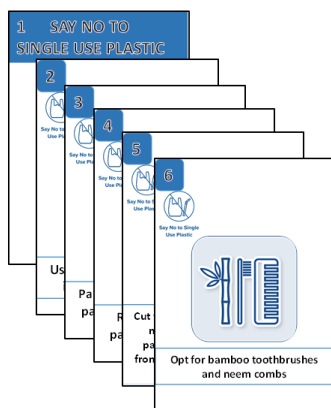
- In case you do not require the card picked from the DECK keep it separately on the table facing upward ie. the card becomes OPEN for the next player.

Step 5: As required the next player can either pick up the OPEN card (facing upward)

OR

can pick up a card from the DECK (which is kept upside down) and pass on a card to the next player.

Step 6: The game continues in the same manner unless one player collects all the 6 cards on the same LiFE Theme.



Role of Mascot Card: The Mascot Card can be used in place of any card numbered from 2 to 6 for any of the LiFE theme.

For e.g if a player has a Mascot card and he/she needs any one card to win the game (ranging from 2 to 6), the player can use the Mascot card in place of that card to win the game.

NOTE: During the game, at any point of time every player must have 6 cards with him/her. The player who wins the game will read out the LiFE Actions written on the cards for all the players.

GAME 2- ECOTOPIA SERIES

For 2, 3 and 6 players - To win this game player needs to show and open all the cards on the table in a sequential manner. (**Two Mascot Cards will not be used in this game.**)

Step 1: Shuffle the cards and distribute equally among each player.

Step 2: The first player will start with the Master Card (on which number 1 is written) on any LiFE theme and keep it on the table. Similarly, the next player will also start by keeping the Master Card (on which number 1 is written) on any LiFE theme and keep it on the table. One by one all the players will first show the Master Card they have and keep it on the table. Hence all the 7 Master Cards will OPEN on the table as shown below.



Step 3: Now one by one the players will keep the LiFE Action cards for each theme (cards ranging from 2 to 6) in a sequential / successive manner.

Step 4: Finally, all the 6 cards of the LiFE theme will be displayed as shown.

Step 5: The player who exhausts all his/her cards becomes the winner of the game.

NOTE:

1. **Players have to arrange the card in sequential manner (starting from 1 to 6 card numbers) for each LiFE Theme.**
2. **The first player who exhausts all the cards will be the winner of the game and will read out the LiFE Actions written on the cards for all the players.**



1

SAVE ENERGY



Save Energy



LiFE
Lifestyle for
Environment



2



Use LED bulbs tube-lights



LiFE
Lifestyle for
Environment



3



**Switch off appliances from
plug points when not in
use**



LiFE
Lifestyle for
Environment



4



Use bicycles for local or short commute



LiFE
Lifestyle for
Environment



5



**Use public transport
wherever possible**



LiFE
Lifestyle for
Environment



6



**Install a solar water or
solar cooker heater on
rooftops**



LiFE
Lifestyle for
Environment



1 SAVE WATER



Save Water



LiFE
Lifestyle for
Environment



2



Save Water



Create rainwater-harvesting infrastructure



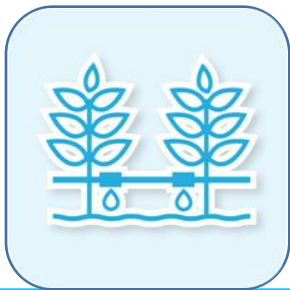
LiFE
Lifestyle for
Environment



3



Save Water



**Use drip irrigation
systems created with
waste materials**



LiFE
Lifestyle for
Environment



4



Save Water



Reuse water drained out from AC/RO for cleaning utensils, watering plants



LiFE
Lifestyle for
Environment



5



Save Water



**Turn off running taps
when not in active use**



LiFE
Lifestyle for
Environment



6



Save Water



Participate in recharge of rural water bodies through the Amrit Sarovar Scheme



LiFE
Lifestyle for
Environment



1 SAY NO TO SINGLE USE PLASTIC



**Say No to Single
Use Plastic**



LiFE
Lifestyle for
Environment



2



Say No to Single
Use Plastic



**Use cloth bag for shopping
instead of plastic bags**



LiFE
Lifestyle for
Environment



3



Say No to Single
Use Plastic



**Participate in and mobilize
participation for clean-up
drives of cities**



LiFE
Lifestyle for
Environment



4



Say No to Single
Use Plastic



**Reuse glass containers/
packaging plastic items as
storage boxes**



LiFE
Lifestyle for
Environment



5



Say No to Single
Use Plastic



**Cut the packaging bags used for
milk, buttermilk, etc., only
partially to avoid plastic bits
from mixing into biodegradable
waste**



LiFE
Lifestyle for
Environment



6



Say No to Single
Use Plastic



**Opt for bamboo toothbrushes
and neem combs**



LiFE
Lifestyle for
Environment



1 ADOPT SUSTAINABLE FOOD SYSTEM



**Adopt Sustainable
Food Systems**



LiFE
Lifestyle for
Environment



2



Adopt Sustainable
Food Systems



**Include millets and nutri
cereals in diets**



LiFE
Lifestyle for
Environment



3



Adopt Sustainable
Food Systems



**Compost food waste at
home**



LiFE
Lifestyle for
Environment



4



Adopt Sustainable
Food Systems



**Create kitchen
gardens/terrace gardens at
homes/schools/offices**



LiFE
Lifestyle for
Environment



5



Adopt Sustainable
Food Systems



**Prefer locally available and
seasonal foods**



LiFE
Lifestyle for
Environment



6

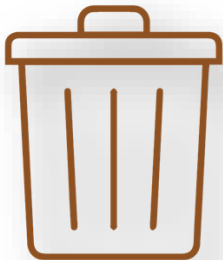


Adopt Sustainable
Food Systems



Use smaller plates for daily meals to save food wastage

1 REDUCE WASTE



Reduce Waste



LiFE
Lifestyle for
Environment



2



Reduce Waste



**Practice segregation of dry
and wet waste**



LiFE
Lifestyle for
Environment



3



Reduce Waste



**Recycle and reuse old
newspapers and
magazines**



LiFE
Lifestyle for
Environment



4



Reduce Waste



**Buy paper products made
from recycled paper**



LiFE
Lifestyle for
Environment



5



Reduce Waste



**Do not discard waste in
water bodies and in public
spaces**



LiFE
Lifestyle for
Environment



6



Reduce Waste



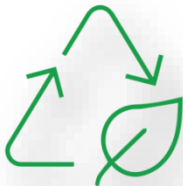
**Donate old clothes and
books**



LiFE
Lifestyle for
Environment



1 ADOPT HEALTHY LIFESTYLE



**Adopt Healthy
Lifestyles**



LiFE
Lifestyle for
Environment



2



Adopt Healthy
Lifestyles



Encourage use of millets in
food for nutrition and well
being

3



Adopt Healthy
Lifestyles



Practice natural or
organic farming



LiFE
Lifestyle for
Environment



4



Adopt Healthy
Lifestyles



**Plant medicinal plants such
as neem, tulsi, giloy, etc**



LiFE
Lifestyle for
Environment



5



Adopt Healthy
Lifestyles



**Plant trees to reduce the
impact of pollution**



LiFE
Lifestyle for
Environment



6



Adopt Healthy
Lifestyles



**Start biodiversity
conservation at
community level**



LiFE
Lifestyle for
Environment



1 REDUCE E-WASTE



Reduce E-waste



LiFE
Lifestyle for
Environment



2



Reduce E-waste



**Repair and use
electronic devices over
discarding the devices**



LiFE
Lifestyle for
Environment



3



Reduce E-waste



**Discard gadgets in
nearest e-recycling units**



LiFE
Lifestyle for
Environment



4



Reduce E-waste



**Use rechargeable
lithium cells**



LiFE
Lifestyle for
Environment



5



Reduce E-waste



**Prefer cloud storage
over a pen drive / hard
drive**



LiFE
Lifestyle for
Environment



6



Reduce E-waste



**Use Black dustbin to
dispose off E-waste**



LiFE
Lifestyle for
Environment



PRAKRITI - THE MASCOT OF MoEF&CC





LiFE
Lifestyle for
Environment



PRAKRITI - THE MASCOT OF MoEF&CC





LiFE
Lifestyle for
Environment

