



THE ENVIRONMENT

# “The 3 Rs: Reduce, Reuse and Recycle”

Ref. 20819



# The 3 Rs: Reduce, Reuse and Recycle

Ref. 20819



## CONTENT:

The game consists of 44 round cards and 1 wheel made up of two jigsaw pieces. The cards are made of thick, durable, very hard-wearing, high-quality card. The cards contain large, real-life images showing sustainable habits that help conserve the planet by reducing water and energy consumption, reusing objects we have in our environment and recycling in the right way.

The material of the game is environment-friendly, comes from sustainable forests, consists of a high percentage of recycled material, and is 100% recyclable.

## DESCRIPTION OF THE WHEEL ICONS



- 1- Recycle
- 2- Reduce: water consumption and/or energy consumption
- 3- Reuse

## RECOMMENDED AGE GROUP:

Children aged 3 to 8.

From an early age it is advisable to learn sustainable habits to reduce the consumption of the resources we use, such as water or energy, reduce the waste we generate, reuse packaging, clothes and objects we have in our environment, and recycle in the right way.

Observation and classification game with large, real-life images that is highly suitable for children and adults.

Spin the wheel and learn to be an environmentally-friendly consumer!



## TEACHING OBJECTIVES:

- Learn about sustainable options that help to conserve the life of the planet.
- Develop an environmental conscience and foster more sustainable everyday habits.
- Discover that we can contribute to the conservation of the environment with small actions, and understand our individual responsibility to achieve a global goal.
- Acquire the values of respect for the environment.
- Develop observation and logical reasoning skills.
- Expand vocabulary related to the images shown on the cards.

## HOW TO PLAY:

**FAMILIARIZE THE CHILDREN WITH THE IMAGES ON THE CARDS:** Before starting to play, it is recommended to look at and describe the pictures on the cards and match them to the back of the cards. For this purpose, see the descriptions of the images on the cards in the last section of the guide.

### SEARCH, FIND AND EXPLAIN!

Classify the images into the following categories: Reduce water and/or energy consumption, reuse and recycle

1. Assemble the wheel: assemble the arrow and place it in the centre of the two jigsaw pieces.
2. Place all the cards with the images face up on the table.
3. Starting with the youngest player, take turns to spin the arrow on the wheel.
4. The player then has to find an image that belongs to the category indicated by the arrow on the wheel and explain why it belongs to that group.
5. Everyone checks that the image belongs to that category by looking at the back of the card. If they're right, the player keeps the card. If not, they put it back on the table face up with the other cards.
6. Then it is the next player's turn.
7. The game finishes when there are no cards left on the table.
8. The player with the most cards at the end of the game wins.

### Cooperation game option:

Play the game as indicated above, taking turns to spin the wheel.

In step 4, everyone works together to find pictures that correspond to the category indicated by the arrow on the wheel. Each player takes a card and explains to the rest of the group why they think it belongs in that category.

Repeat the previous steps and the game ends when all the players have worked together to classify all the cards on the table.

## DESCRIPTION OF THE CARDS WITH PHOTOGRAPHS

The cards are classified into three large categories.

The backs of the cards indicate the category to which they belong. They are also numbered to identify the sustainable concepts worked on in each image.





### Reduce water consumption:

1. Shower, instead of filling the bathtub.
2. Drip irrigation, instead of using a hosepipe.
3. When brushing your teeth, use a glass to rinse your mouth rather than running water.
4. Water with a watering can instead of a hosepipe.
5. Turn off the tap when using soap rather than leave it running.
6. Artificial grass, which needs much less water than natural grass.
7. Tap aerator to reduce water consumption.
8. Full washing machine, which reduces water and energy consumption\*
9. Rainwater for other uses.
10. Natural water from a well or spring for other uses.



### Reduce energy consumption:

11. Walk up and down stairs instead of using escalators or lifts.
12. Use public transport rather than private transport.
13. Use the bicycle as a means of transport instead of a motor vehicle.
14. Use natural light instead of electric light.
15. Air-dry clothes instead of tumble-drying.
16. Full dishwasher, which reduces water and energy consumption\*
17. Use of self-recharging torches with dynamo (kinetic energy generated by movement) instead of electric or battery-operated rechargeable torches, which generate waste.
18. Use of solar energy to light up road signs or street lighting.
19. Solar panels to generate clean, renewable energy at home.
20. Use of solar energy for outdoor lighting.



\*In pictures 8 and 16, filling the appliance optimises use and reduces both water and energy consumption.



### Reuse:

21. Give a second life to clothes and everything we are no longer going to use that is in good condition.
22. Reuse packaging to create toys.



23. Restore furniture, rather than replace it.
24. Reuse clothes for new uses, such as a bag.
25. Repair broken objects, rather than replace them.
26. Repair shoes, rather than replace them.
27. Mend or sew clothing, rather than replace it.
28. Reuse cloth bags or non-disposable containers to buy food in bulk, rather than packaged. This also reduces the generation of packaging and waste, as well as the energy and water required to produce it.
29. Reuse containers and give them a new use as a desk-tidier.
30. Use reusable packaging, rather than single-use packaging.
31. Reuse containers and give them a new use as plant pots.
32. Reuse non-disposable bags when shopping.
33. Donate toys you no longer use.

**Recycle:**

34. Recycle glass in the right bin.
35. Separate waste correctly for later recycling.
36. Dispose of batteries in the right place because they are highly polluting.
37. Collect rubbish from the environment and dispose of it in the right bin.
38. Recycle plastic in the right bin.
39. Use clothing made from recycled materials.
40. Recycle cardboard in the right bin.
41. Dispose of electrical appliances at recycling points.
42. Recycle light bulbs.
43. Separate organic waste.
44. Use organic waste to make fertilizer or compost.