OZZY OZONE GAME

- 2-6 players
- For 9-99 years old

Zoe Ozone

Rules of the game:

1. You need a die and checkers to play.
2. The youngest player starts by tossing the die and advancing the number of squares indicated on the die.
3. In every square with text you should read out loud Ozzy's message.
4. When you reach a square that contains a ladder, you will climb up to the indicated square.
5. When you reach a square that contains a snake, you will slide down to the indicated square.
6. The winner needs the exact number on his/her die to reach the last square. If the number on the die is more than is required to reach the last square, you must move forward to the last square and then move backwards as many numbers that are left over.

Ozzy Ozone

OZZY AND ZOE OZONE help children protect themselves from the sun's harmful UV-rays. They give you practical tips on how to enjoy the sun safely and how to help save the Earth's ozone layer.

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The Ozzy Ozone character is a registered trademark of the Government of Barbados. UNEP would like to thank the Government of Barbados for its permission to use this character.

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The adapted Ozzy and Zoe Ozone characters are created by Nikos Koutsis (www.koutsis.com) and this board game is rewritten and designed by Saija Heinonen.

This game is linked to UNEP's TUNZA strategy for children and youth.

UNEP

Tunas Hijau

TUNZA

Multilateral Fund for the Implementation of the Montreal Protocol

100 You have become... ...AN OZONE LAYER PROTECTOR!
99 It is easy to protect the skin from the bad effects of the UV rays
98 Halons used in fire extinguishers cause ozone layer depletion
97 Global warming may delay the ozone layer's recovery
96 Animals' fur protects them from the UV rays
95 Ozone layer is saved!
94 Not spreading the message about ozone layer protection
93 When the hippos don't hide in the water, they secrete oil that acts like a sunscreen
92 People understand the importance of ozone layer protection
91 HCFCs have been used to replace CFCs because they are less harmful to the ozone layer
81 Helping the recovery of the ozone layer and not contributing to global warming
82 UV Index under 2 means low, and UV Index higher than 10 means extreme radiation
83 Sunbathing without sunscreen when the UV index is 8
84 When the UV Index is high you can sunburn more easily
85
86 Avoiding the sun's dangerous UV rays
87 Ozone depleting substances (ODS) break the ozone molecule causing the ozone layer to thin
88 Not recycling properly
89 In developing countries CFCs and halons have to be phased out by a) 2010, b) 2015 or c) 2020?
90 Spread the message about ozone layer protection
80 The UV Index expresses the level of UV radiation at the earth's surface
79 Not wearing sunscreen, hat and sunglasses in sunny weather
78 Human activities have increased the quantity of ozone in the lower atmosphere
77 Use of non-CFC sprays
76 Rabbits avoid the sunlight by hiding in their holes during the day
75
74 Ozone in the lower atmosphere is dangerous; it can cause lung diseases, sore throat and asthma
73 Healthy eyes
72 About 90 % of the ozone (O_3) in the atmosphere create the protecting ozone layer, the rest is in the lower atmosphere
71 People don't understand the importance of ozone layer protection
61 In developing countries, methyl bromide will be phased out by a) 2010, b) 2012 or c) 2015?
62 Strong UV radiation harms plankton and affects the marine food chain
63 Strong UV radiation slows down plants' germination process
64 We need sunlight so that our body can produce a) vitamin A, b) vitamin D or c) vitamin E?
65 Ask your friends and family to choose products that do not contain ozone depleting chemicals
66 Risk of eye-cataracts, premature ageing of the skin and skin cancer
67 The closer you get to the equatorial regions, the higher is the UV radiation level
68 UV rays cause premature ageing of the skin
69 In which year did the scientists Molina and Rowland discover the link between CFCs and ozone layer depletion?
70 The effects of sunburn can appear many years later as skin cancer
60 Gorillas protect themselves from UV rays by doing most of their activities in the morning and late in the afternoon
59 Ozone layer is saved!
58
57 The stratosphere is the upper part of the atmosphere
56 Use of sunscreen, a hat and sunglasses on a sunny day
55 The ozone layer is in the stratosphere, 15-50 km above your head
54 Use of a pesticide that contains methyl bromide
53 Ozone layer is saved!
52 CFCs are used in refrigerators, air conditioners and sprays
51 At what time of the day is UV radiation strongest: between a) 8h-14h, b) 10h-16h or c) 12h-18h?
41 Chimpanzees live in the forests where the trees and leaves filter the sunbeams
42 In December the UV radiation level is higher in Australia than in Europe
43 The letters CFC come from ChloroFluoroCarbon which is used as coolant
44 The level of UV radiation is very high in, on and at the sea
45 Children are particularly at risk from the bad effect of UV rays, because their skin is thinner
46 Ozone layer is saved!
47 UV radiation is generally highest during the summer months
48 Higher altitudes receive more UV radiation
49 Where was the first ozone hole found in 1985?
50 Not wearing sunglasses in sunny weather
40 When is the International Ozone Day?
39 Too much exposure to the sun can hurt your skin
38 The Montreal Protocol has helped fight global warming: CFC is also a greenhouse gas!
37 Not using products with CFCs or HCFCs
36 UV radiation is always high at the equator
35 Releasing dangerous chemicals into the atmosphere
34
33 a) 50%, b) 70% or c) 90% of UV rays can penetrate a light cloud?
32 Wear sunglasses in sunny weather!
31 UV-C rays are extremely strong but they are all filtered by the ozone layer
21 Use of pesticides that don't harm the ozone layer
22 UV-A rays are the least strong and they are not filtered by the ozone layer
23 UV radiation is higher when the rays are reflected on the sand, water or snow
24 Use of CFC sprays!
25 Clouds don't filter UV rays completely
26 OZONE LAYER DEPLETION
27 UV-B rays are strong and dangerous and they are partly filtered by the ozone layer
28 UV-B radiation can cause eye cataracts and blindness
29 Polar bears have special eyelids that work like sunglasses; they protect their eyes from the sun's reflection on the white snow
30 Use of fire extinguishers that contain halons
20 Use of an air conditioner with CFCs
19 Where the sun's dangerous UV-rays don't reach so easily? a) in water, b) in the shade or c) on a glacier?
18 In summer 2005 the Northern ozone hole covered all of Europe
17 Ozone depleting substances (ODS) include common chemicals like CFCs, halons and methyl bromide
16 Use of the ozone-friendly fire extinguisher
15 Because children are growing, they are particularly at risk from the bad effect of UV rays
14 UV radiation weakens our bodies' immune systems
13 All kids and parents should help protect the ozone layer
12 UV is a short way to say UltraViolet
11 Ozone layer depletion causes increased UV radiation
1 UNEP TUNZA Tunas Hijau
2 OZONE LAYER DEPLETION
3 OZONE LAYER DEPLETION
4 We need sunlight, but some of its UV-rays are more dangerous than others
5 The ozone layer is a thin invisible shield
6 Use of a non-CFC refrigerator
7 As sunlight passes through the atmosphere, all UV-C and most of UV-B radiation is absorbed by ozone, water vapour, oxygen and carbon dioxide
8 OZONE LAYER DEPLETION
9 Rhinos protect themselves from the dangerous UV rays by rolling over in the mud
10 Ozone molecules are composed of a) 2, b) 3 or c) 4 oxygen atoms?