

# LEAPS AND FLUTTERS!

100 <b>FINISH</b>	99	98 Took plastic bags to store for recycling. Move ahead 2 spaces.	97	96 Bought water in a disposable plastic bottle. Go back 2 spaces.	95 Left computer on all night.	94	93 	92	91
81 Poured half a glass of milk down the sink.	82	83 Used three paper towels to dry hands. Lose one turn!	84	85 	86 	87	88 Picked aluminum cans out of trash in park and recycled them.	89	90 
80	79 	78 Asked Mom for a ride instead of walking two blocks.	77	76 	75	74	73 Left refrigerator door open and walked out of kitchen.	72	71 Took stairs instead of elevator to third floor.
61	62 	63	64 	65	66 Wore a sweater instead of turning up the heat.	67 Croak like a frog, then roll again.	68 	69	70
60 	59	58 Planted a tree in a park.	57 	56	55	54 Left TV on with no one in the room.	53 	52 	51
41 Turned out light as you left a room.	42	43 	44 Bought a real Christmas tree instead of a plastic one.	45	46	47	48 	49 Remembered to take reusable bags into market.	50
40	39 Reused paper by printing on back side. Skip ahead three spaces.	38 Recycled an aluminum soft drink can.	37	36	35	34	33 	32 Threw cereal box in trash.	31
21	22	23 Turned on hot shower two minutes before stepping in.	24	25	26 	27 	28	29 	30
20	19 Left window open with air conditioning on. Stay here until you roll an odd number.	18 	17 	16 	15 Picked up some litter on the sidewalk. Take another turn.	14	13	12 	11
1	2	3 Unplugged phone charger from wall when done.	4	5	6 Planted a vegetable garden.	7	8	9 	10 Walked to school instead of riding in the car.



It's OK to have more than one player at a time on a square. You must roll the exact number to reach the FINISH.

# WHY ARE FROGS AND BUTTERFLIES IMPORTANT?

Visit NASA's Climate Kids website at <http://climate.nasa.gov/kids>, and you will learn how global warming is affecting many forms of life.

**F**rogs and butterflies are important parts of the web of life, and their health is a good indicator of the health of the environment.

## Butterflies are in trouble!



Many species of butterflies are endangered. Butterflies are very picky eaters. When in their caterpillar stage, most species can eat only a certain kind of leaf. If their habitat is disturbed, they can die out quickly.

Global warming is hard on butterflies. They are cold-blooded. Their tiny bodies are the same temperature as the surrounding air. If the air gets too warm, many butterflies can't survive. Some of them move to higher and cooler elevations. But butterflies that already live at high elevations are dying out since they cannot move higher.

## Frogs are struggling!

Frogs and other amphibians are the most endangered groups of animals on Earth. We have lost 170 species in the last 10 years and another 1,900 species are threatened. Frogs are sensitive to changes in their environment. They have suffered pollution, destruction of their habitat, infectious diseases, and fungus. But all these frog miseries are made worse by global warming.

## FUN GAME BOARD FACTS

When you play "Leaps and Flutters," your actions either help or hurt Earth. Here are some reasons some of these real-life actions help or hurt Earth. Numbers refer to the squares on the game board.

19

Air conditioners should not have to cool the whole outdoors!  
Keep windows and doors shut.

32

Recycling cardboard and paper saves 40% of the energy that would be required to produce new cardboard and paper.

35

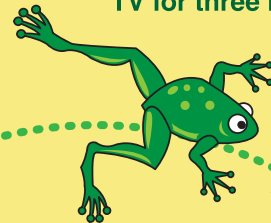
You save enough energy by recycling one aluminum can to run a TV for three hours!

Bringing your own reusable bags to the store will help reduce the number of plastic bags that must be produced.

49

A live Christmas tree can take 8 to 12 years to grow. All that time, it is taking in carbon dioxide and helping to slow global warming.

44



96

Most water bottles wind up in landfills, where it takes thousands of years for the plastic to decompose. Reusable stainless steel bottles are better for the environment.

73

Refrigerators in most homes are energy hogs. Don't make them cool the whole house!

81

It takes lots of energy to grow, process, and bring your food to you. Don't take more than you need. Don't throw energy into the garbage!