

STUDY GUIDE

RED'S RECYCLE-O-RAMA by Rick Adam GRADES k-8

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THE PROGRAM

Assisted by “Rusty”, the recycling dog, Rick Adam as “Red” uses audience participation, storytelling, magic, juggling, hand shadows, original songs, and Red’s Original One-Man Junk Band to offer fun-loving tips on how and why to reduce, reuse, and recycle. Through this ingenious, high-energy performance, discover creative and concrete ways that your home and community can become more planet-friendly.

PERFORMANCE FOCUS

- *Ecology Awareness
- *How to be “Planet-friendly”
- *How and Why to Reduce, Reuse, and Recycle
- *How to create less trash
- *Alternative sources of energy

PLANET-FRIENDLY

“Planet-friendly” means making choices in our daily lives that help protect the ecological balance of the planet. Working together to protect our natural resources of water, air, and land. Aiming towards a cleaner, healthier planet.

PLANET-FRIENDLY ENVIRONMENTAL DICTIONARY

Reforestation: Replacing over 4 million acres of USA woodlands. By planting trees, we slow erosion, and help the soil store water. We also benefit from cleaner air.

Renewable Resources: Resources which re-grow or can be used over and over again. Plant more trees than are cut down.

Living “Planet-Friendly”: Decrease our impact on the Earth. Be caring and responsible. Protect our natural resources and our future.

PCF-Chlorine Free: Paper products made without chlorine are better for the environment.

Fossil Fuels: Petroleum, natural gas and coal are non-renewable fuels. Also, petroleum burned as gasoline and heating oil creates global warming, air pollution, and acid rain.

Global Warming: The warming of the Earth’s atmosphere caused by exhaust created by carbon gasses from burning fossil fuels.

Alternative Energy: Wind, solar, and hydrogen non-polluting energy sources; new technology, such as hybrid cars.

PRE-SHOW CLASSROOM DISCUSSION

1. What are some things you can recycle at home, in school and in the community?
2. Do you reduce, reuse, and recycle at home, in school, and in your community? If not, what are some simple ways you can begin recycling.
3. Where have you noticed air, water, or ground pollution in your area? What are some steps you and your friends can take to help cleanup trash or air and water pollution?
4. Calculate the miles per gallon of fuel (city and highway) you’re family vehicle uses. Also, see if any of your classmates’ family vehicles use alternative fuels (electric, recycled cooking oil, etc.)

POST-SHOW CLASSROOM DISCUSSION

REDUCE REUSE RECYCLE SONG

*Reduce, Reuse, Recycle – That’s the key.
To make this big old World of ours go merrily.
Reduce, Reuse, Recycle – Every Day.
It’s the fun game that everyone can play.**

*Reduce, Reuse, Recycle – Bottle and Cans.
Reduce, Reuse, Recycle – Pots and your Pans.
Reduce, Reuse, Recycle – Paper and Trash.
Reduce, Reuse, Recycle – Into cold hard cash!*

*Planet Friendly – To the Plants and the Trees.
Planet Friendly – To the Birds and the Bees.
Planet Friendly – To the Sky above.
Planet Friendly – To this Earth we Love.*

*Planet Friendly – To the Deep Blue Sea.
Planet Friendly – To the Animals and me!
Planet Friendly – To the food that is grown.
Planet Friendly – To Our Home Sweet Home.*

(Return and Repeat to *)

WHAT KIDS CAN DO TO SAVE THE EARTH FROM A TO Z.

(courtesy of the United States Parks Department)

Adopt a stream, park, or roadside to clean up and keep beautiful.

Bring your lunch to school in a lunch box. Save your paper bag.

Care for toys so they will last longer. Then you won't have to replace them and can pass them on.

Donate clothes that you have outgrown to a needy person or someone smaller than you.

Encourage others to join you in collecting glass, newspaper, and aluminum to be recycled.

Flatten empty cans, boxes, and other containers so they don't take up so much space.

Get in the habit of turning off the water when you brush your teeth. Turn it on only to wet your brush and rinse.

Help by caring about our wildlife. Be very careful with matches.

Insist on buying products that are biodegradable (they rot or decompose when discarded.) Most plastics are not biodegradable.

Jog or walk, ride a bike or scooter from place to place to save energy.

Keep jars of cold water in the refrigerator so you won't have to run the tap water waiting for it to get cold.

Look for the recycled symbol on products you buy.

Make it a habit to cut each six-pack ring. These sometimes wind up in the oceans. Animals often get caught in them.

Never litter. Always put your trash in a trash can.

Open the blinds in the wintertime to let in the sun. Close blinds in the summer to keep out the sun's heat.

Plant a tree to stop soil erosion, give you shade and give birds a home.

Quit buying products that have a lot of packaging.

Reduce the amount of water you use to keep clean. Take showers, not baths.

Save energy by asking your parents to turn down the thermostat.

Turn off lights if you are the last person to leave a room.

Turn off appliances if you are not using them.

Use products made to be used many times, such as sponges or cloth towels.

Value and appreciate your Earth. Realize that you can make a difference.

Watch what you pour down the drain. Hazardous waste can get into the ground water.

eXamine labels before using products. Certain household cleaners can be dangerous.

Yearn to do what you can to help our environment. Grow up to be an adult who takes an interest too.

Zip to close doors and windows if they are opened when the heater or air conditioner is on.

RED'S PLANET FRIENDLY TIPS:

1. Recharge! Use fewer batteries. By using rechargeable batteries we save energy and create less waste for landfills.

2. Save a Tree. Use less paper. Each tree absorbs about 13 pounds of poisonous Carbon Dioxide each year turning it into Oxygen that we breathe. By using reusable canvas shopping bags, bringing a lunch box instead of a paper bag and by planting more trees, you can help protect our forests which are the homes for many birds and animals.

3. Shop Smart. Buy items with less packaging. Again, creating less waste and saving energy used in the making of the products.

4. Pass it on. Recycle old clothes or toys back into the community by giving them away.

5. Give a Hoot, Don't Pollute – Water. One gallon of black paint can pollute over 250,000 Gallons of fresh water. Help with or start a clean water project in your area.

6. Give a Hoot, Don't Pollute - Air. By burning fossil fuels, whose exhaust gasses contain carbon. We upset the balance of our ecosystem. Carbon contributes to Global Warming, disrupting world-wide weather patterns.

7. As a Rule... Use Less Fuel. Fossil fuels such as oil, natural gas and coal used for heating our homes and fueling our cars are non-renewable. By car pooling with friends and neighbors... by walking, biking, or hopping on your scooter we use less fuel. Also, by using fuel efficient vehicles like hybrid cars (cars that run on gas AND electricity) or cars that use alternative fuels (bio-diesel that run on diesel fuel and recycled cooking oil) or ethanol which is made from corn and is now being added to our gas, we use less fuel.

8. We Deserve to Conserve. Conserve means to use less. Ask your parents to turn down the thermostat, put on your favorite sweater. Take shorter showers when you bathe, wash your car or water your lawn. Open a window instead of running the air conditioner. Also, turn off the lights or appliances when you leave the room. Also, by developing new energy technologies using solar, water and wind power we become more Planet Friendly.

9. Recycle, Recycle, Recycle. Look for the recycling symbols on things that we use and buy. Support recycling in your home, school and community by recycling paper, glass, plastic, aluminum cans, etc.

10. Don't Litter. Lend a Hand if you Can. We can't expect Mother Nature to pick up after us. Get together with people in your community to help wherever you see litter in your community.

PLAY THE RECYCLE-O-RAMA GAME AND YOU'LL HELP TO CREATE A WORLD THAT IS "PLANET FRIENDLY!"