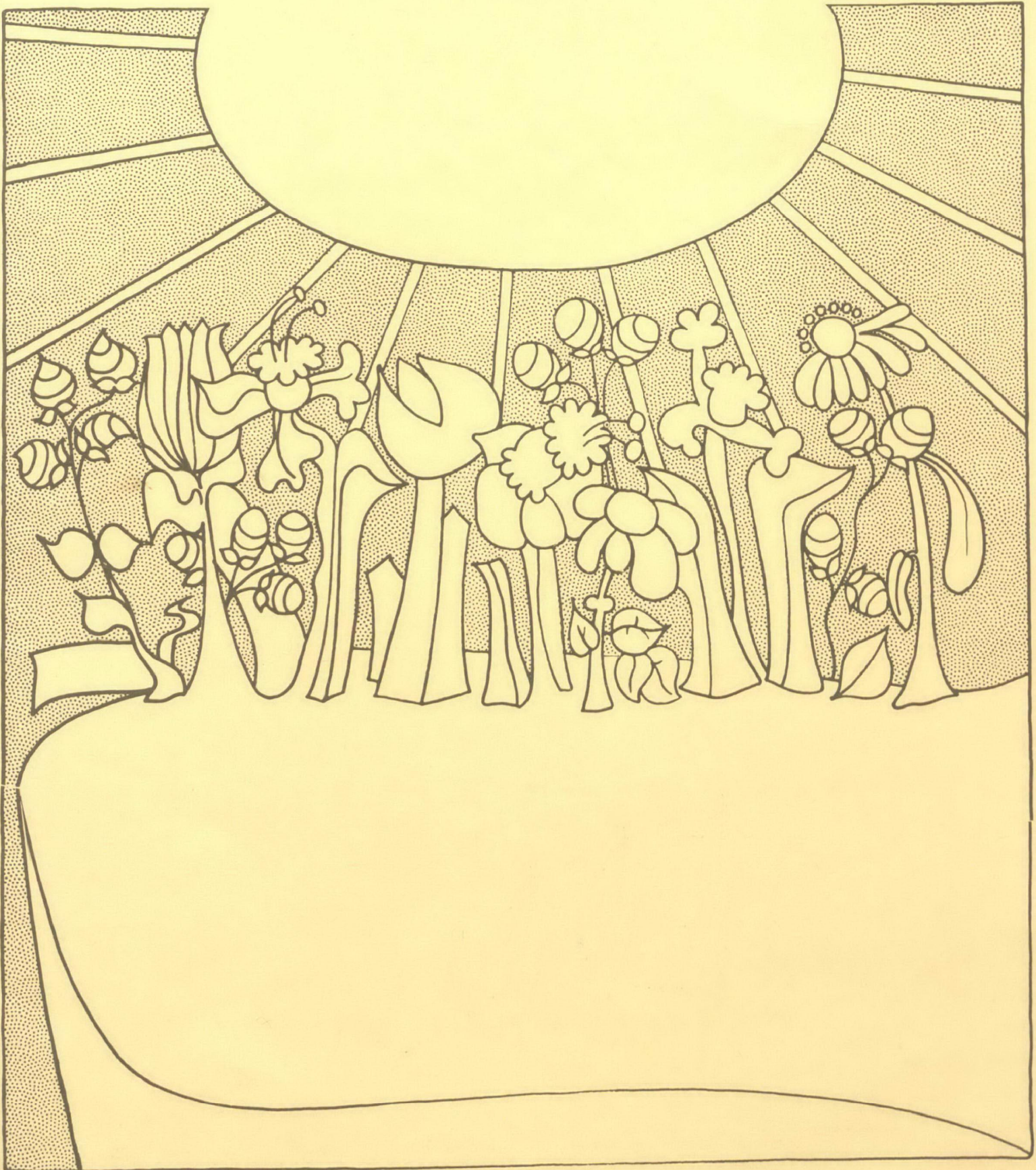


EPA

Fun with the Environment



Prepared by
Office of Public Affairs
EPA Region VIII
Denver, Colorado

ARMON ZINE



a FUN-AS-YOU-LEARN book
for **KIDS WHO CARE**
about the

ENVIRONMENT

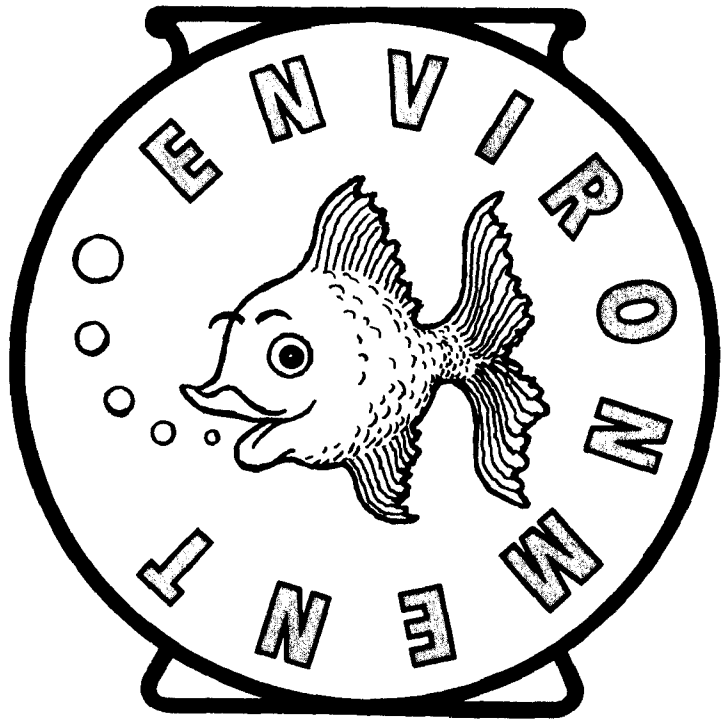


THAT'S A VERY BIG WORD!

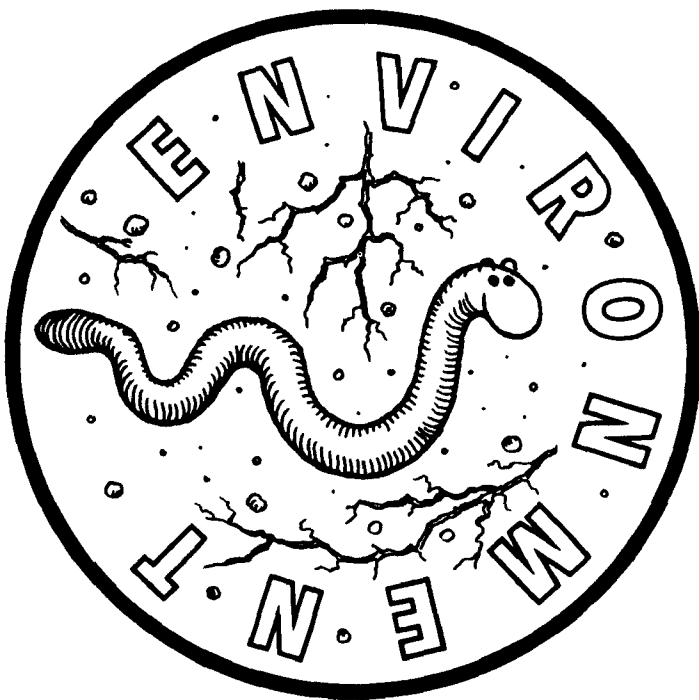
Bet you can learn to spell it!
Bet you can learn to tell it!



Here is a little fish
in a bowlful of
ENVIRONMENT. Do
you think he should
be in a bowlful of
water? You are
right! Water **IS**
his **ENVIRONMENT**.

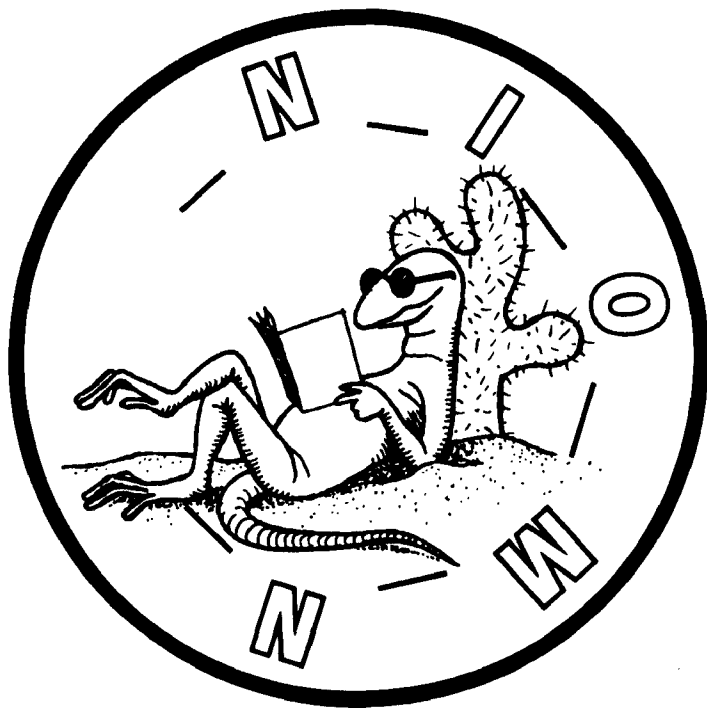


You could not live
under the earth, but this
worm likes it there. It
is his **ENVIRONMENT**.
(Color the letters around
the worm with pencil
or crayon.)



This penguin lives
at the South Pole.
He likes his
ENVIRONMENT cold.
(Color the letters;
even the ones
that are missing.)





This lizard and cactus live in a desert. They like their **ENVIRONMENT** hot and dry. (Fill in the missing letters.)

This is you in your **ENVIRONMENT**. Draw yourself in the space. (All the letters are missing here. Can you fill them in?)



If you can spell it in a circle, you can spell it in a straight line. Try it.



You know what **ENVIRONMENT** means, too.
It is what is around every living thing.
It is what every living thing needs for life.

Each living thing
must have
EARTH,
WATER,
and **AIR**
in its

ENVIRONMENT.

Many living things
share the same
ENVIRONMENT.

Most plants
and animals
can not live
just anywhere.

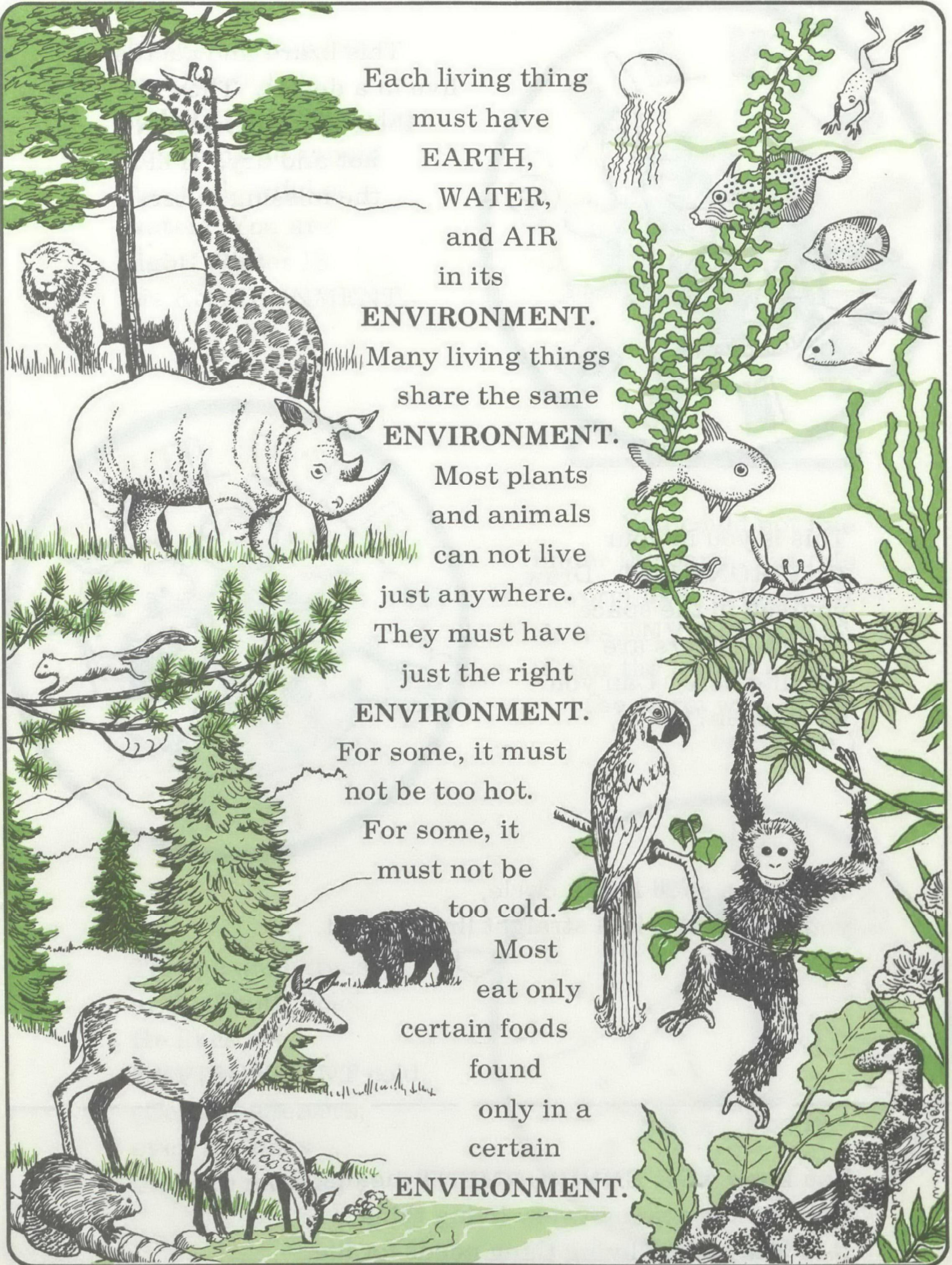
They must have
just the right
ENVIRONMENT.

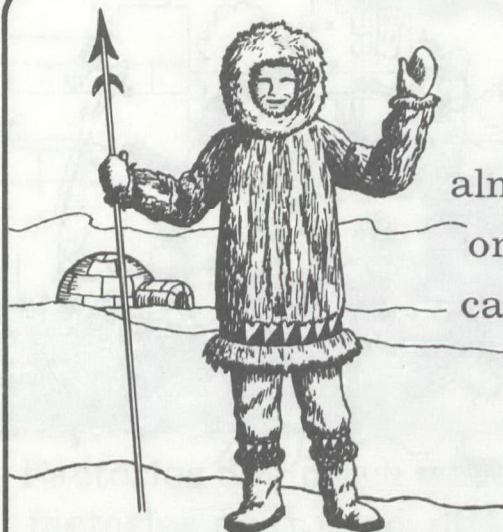
For some, it must
not be too hot.

For some, it
must not be
too cold.

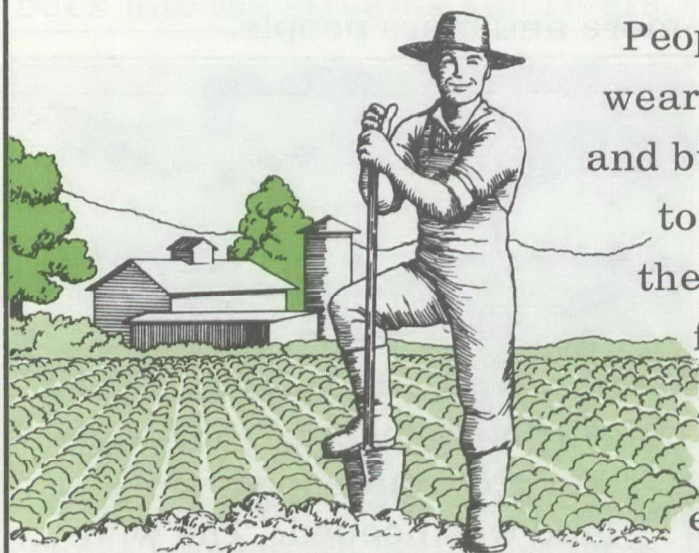
Most
eat only
certain foods
found
only in a
certain

ENVIRONMENT.

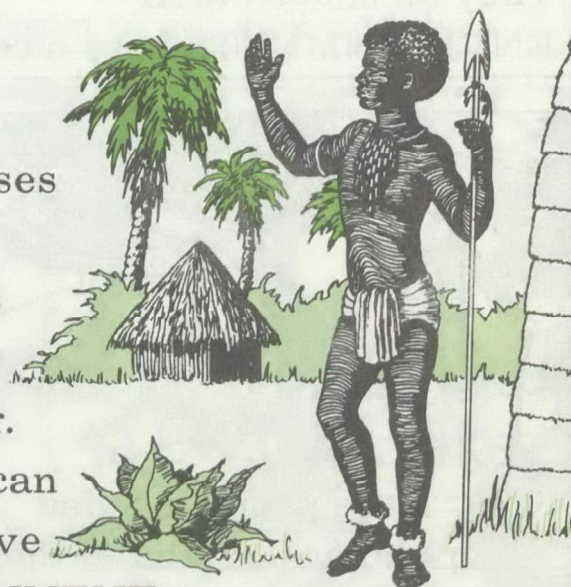




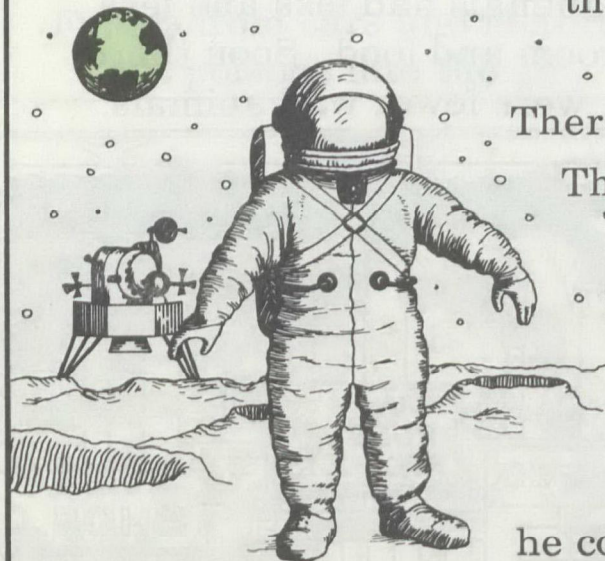
People
can live
almost anywhere
on earth. They
can grow their
food and
eat many
different kinds
of food.



People can
wear clothes
and build houses
to protect
themselves
from the
weather.



People can
even leave
their **ENVIRONMENT**.



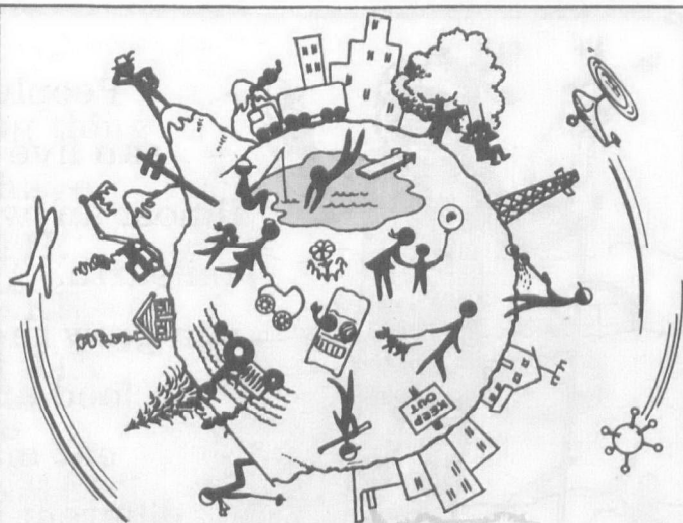
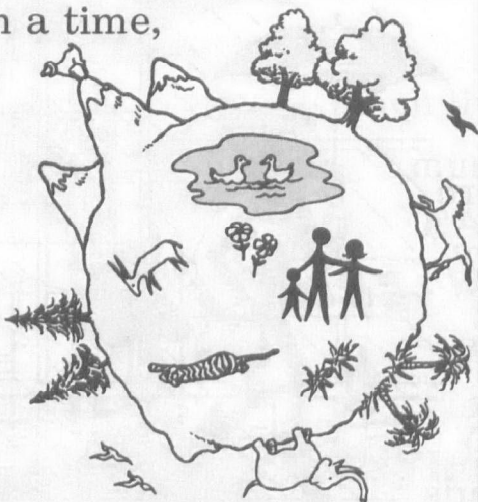
Man went to the moon.
There was land, but it grew no food.
There was no water
and no air.
So man took
some of his
ENVIRONMENT
with him. But
he could not stay long.



Some things would die if they moved just an inch
from their **ENVIRONMENT**.

Once upon a time,
there was
plenty of
room on
Earth for
all the
plants,
animals,
and
people.

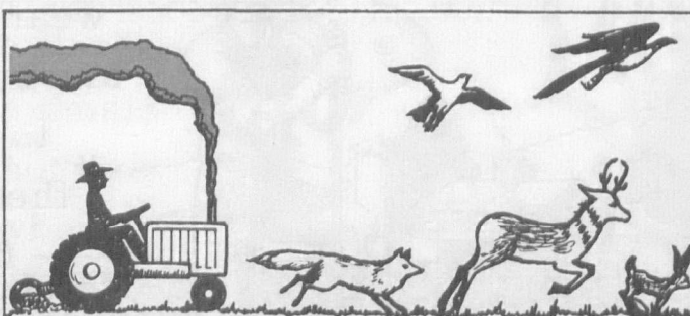
They all shared their
ENVIRONMENTS very nicely.



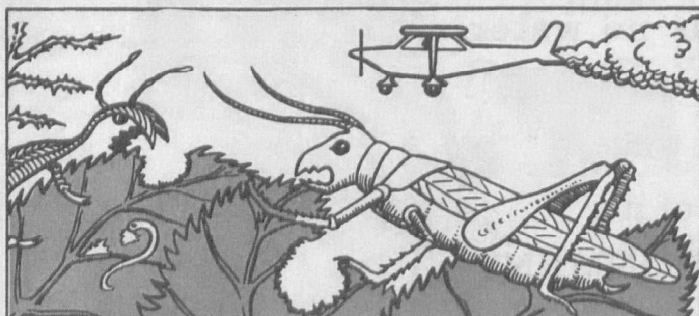
As the years went by, there were
more and more people.



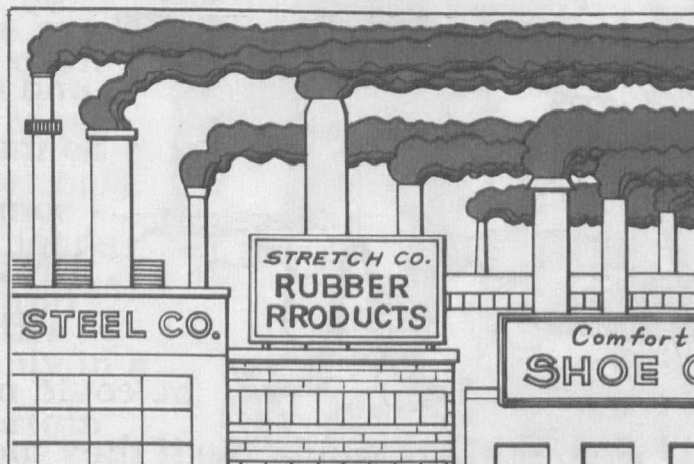
More people needed
more homes. To build them,
more trees were cut down. Wild
animals also used the trees
for homes. They had to move.



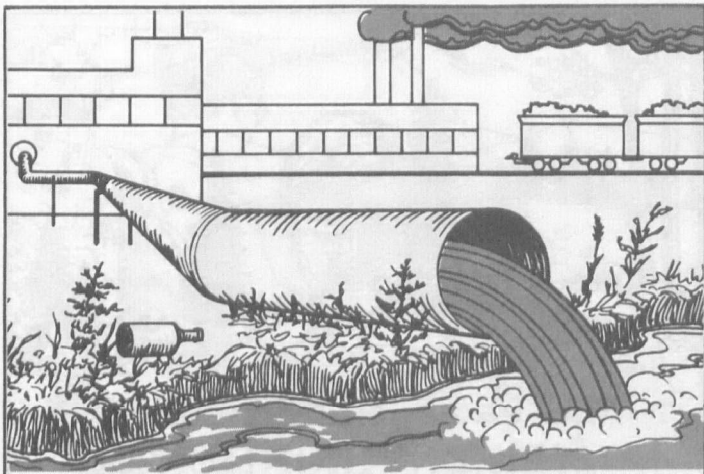
More people needed more food.
To grow more food, more
land was needed. The wild
animals had less and less
room and food. Soon there
were fewer wild animals.



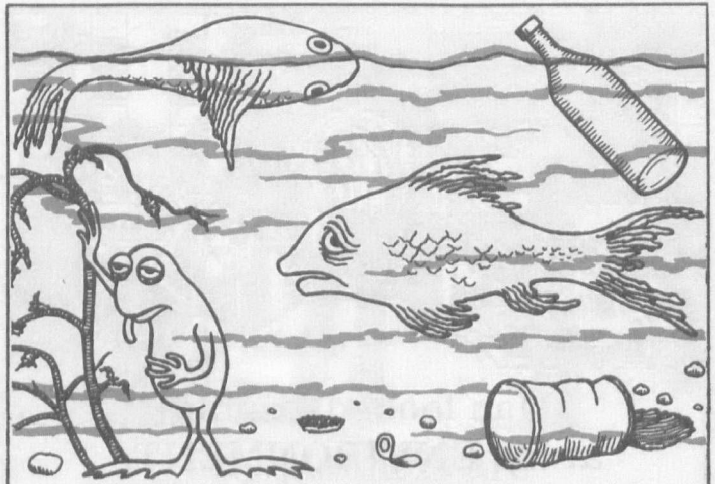
Insects ate much of man's
crops. So man began spraying
poison on the crops to kill
the insects. But the poison
also killed birds and other
animals that ate the insects.



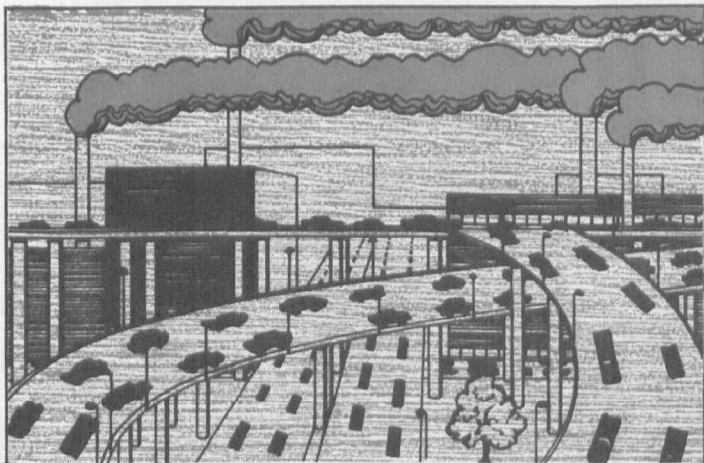
More people
needed more things.
More factories were built.



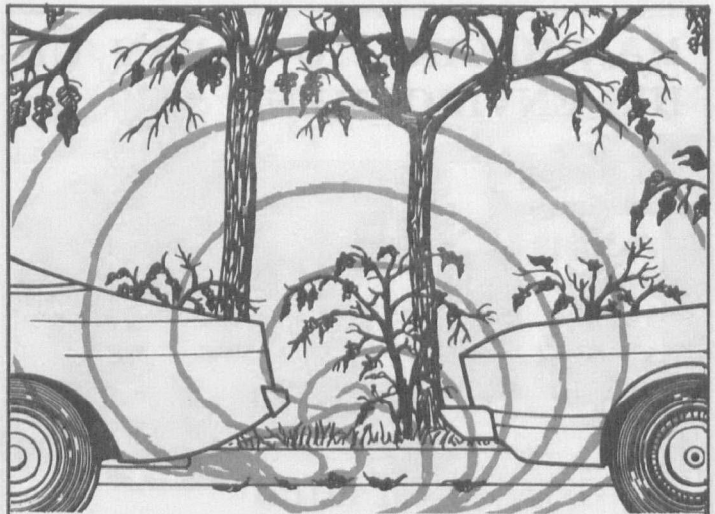
Factories use much water. Some factories pour used, dirty water back into the streams and rivers.



The animals that live in the streams and rivers began to get sick and die.



There were more and more cars. Fumes from cars and factories put poisons into the air.



Trees and plants in the cities began to get sick and die.



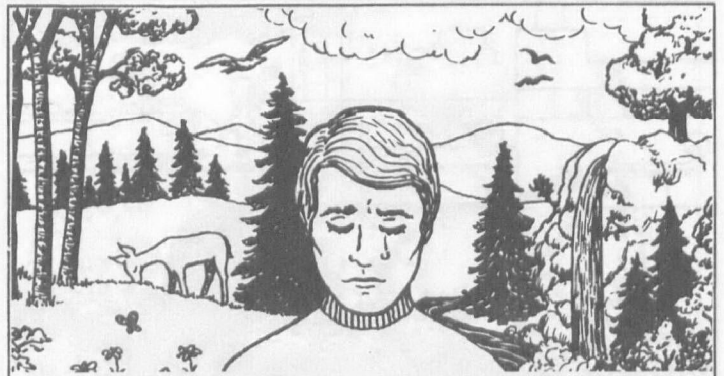
More people made more noise.



More people made more litter.

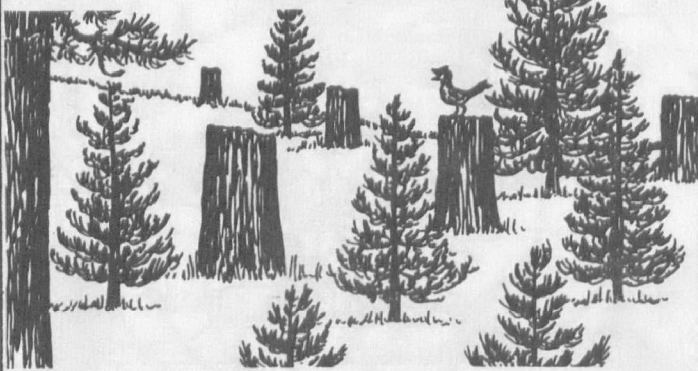


Man looked around
at his ENVIRONMENT.
Too much of it was dirty,
ugly, and noisy. Sometimes it
made PEOPLE get sick and die.

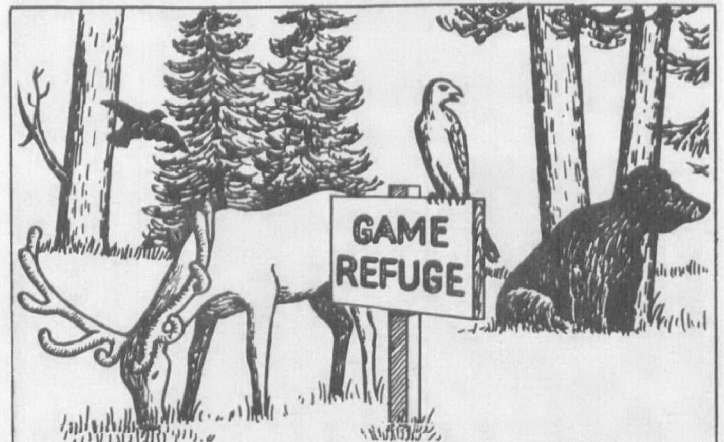


Man had been thoughtless
of his ENVIRONMENT.
He could not go back.
But he could not go on
being thoughtless.

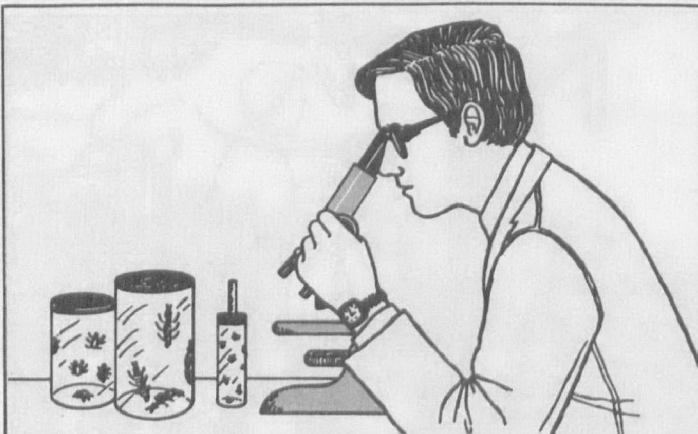
MAN BEGINS TO CLEAN UP HIS ENVIRONMENT.



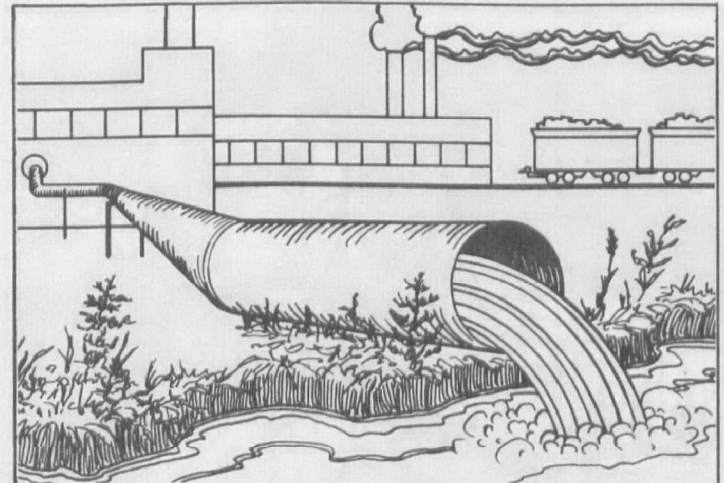
Young trees are being planted
as old trees are cut down.



There are places where wild
animals are protected. There
are laws to protect others.



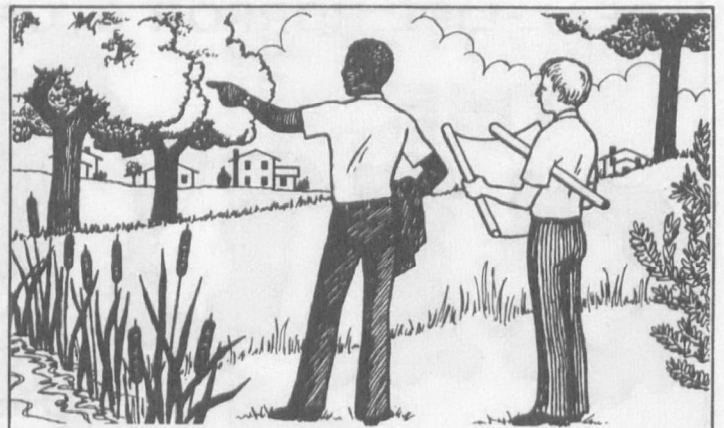
Scientists are working to
find new ways to kill insects.
Ways which won't harm
birds and other animals.



More and more factories are taking
the poisons from their smoke and
cleaning their used water.



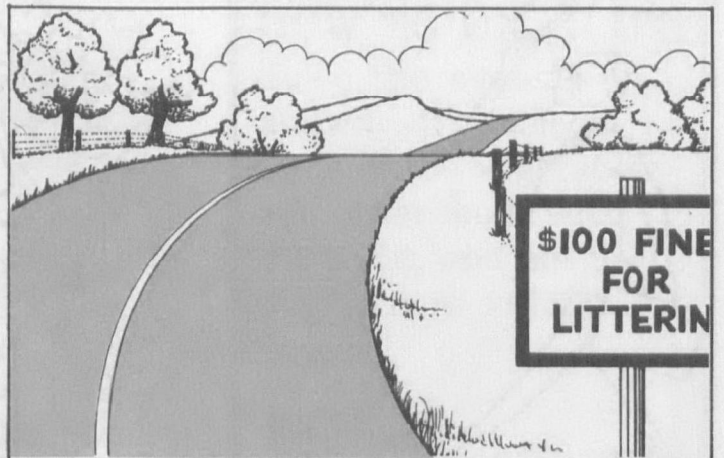
Engineers are working to design motors that won't poison the air.



City planners are working to beautify the cities. They are also trying to save open spaces for parks.



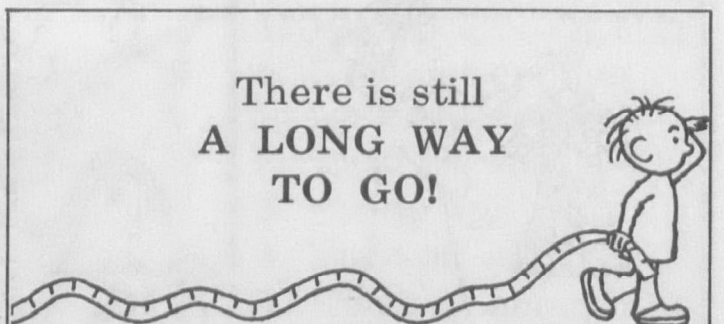
Many people are riding buses or bicycles. That means fewer cars on the streets.



Litter laws remind people to keep their environment clean.



Cities collect mountains of trash each day. Much of what fills up the dumps could be used again; or recycled. Many people now separate these things from their trash.



There is still
**A LONG WAY
TO GO!**

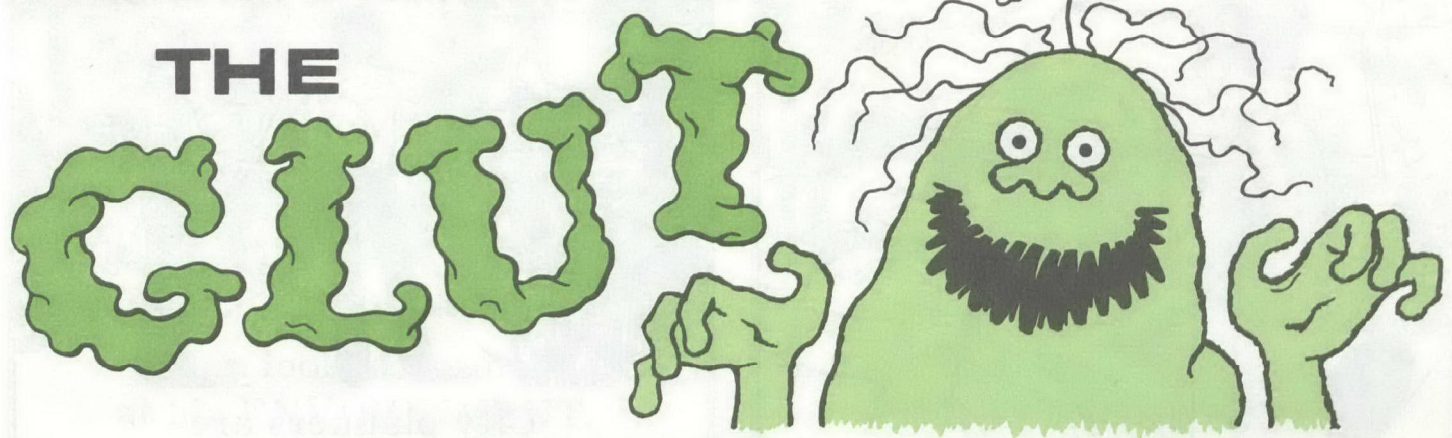
Much is being done
to help the **ENVIRONMENT.**

MUCH MORE needs to be done!

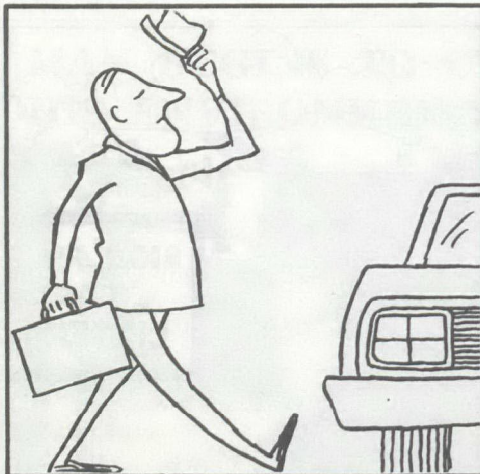
EVERYONE needs to help!

A REAL-LIFE HORROR STORY

THE GLUT



HOW MILD MEMBERS OF AN AVERAGE FAMILY
TURN INTO **THOUGHTLESS POLLUTERS**



Mr. Average leaves
for work.



And he becomes a
GLUT by driving to
work alone!

HOW TO UN-GLUT:

Walk —
or ride a bicycle —
or take a bus —
or join a car-pool.

Cut down on air
pollution and
traffic noise.



The dress Mrs.
Average wants to
wear to P.T.A. is dirty.



She runs the washer
for just one dress
and becomes a **GLUT**!

HOW TO UN-GLUT:

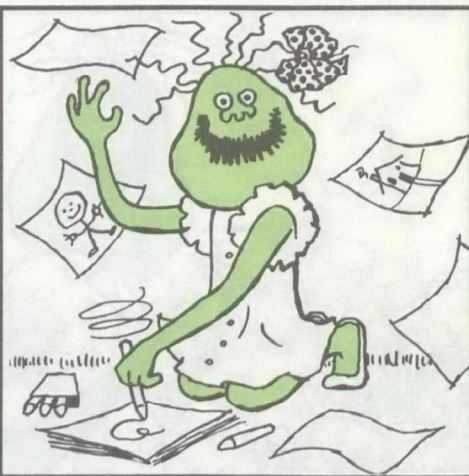
Wear another dress —
or wash it out
by hand —
or plan ahead
to always wash
a full load.

(Power companies have
pollution problems too.)

Save electricity and
water. Cut down on air
and water pollution.



Sister Sue is an artist.



Now she's a **GLUT**! See how she's wasting paper!

HOW TO UN-GLUT:
Use both sides of the paper.

Save paper. (Paper is made from trees.) Make less trash.



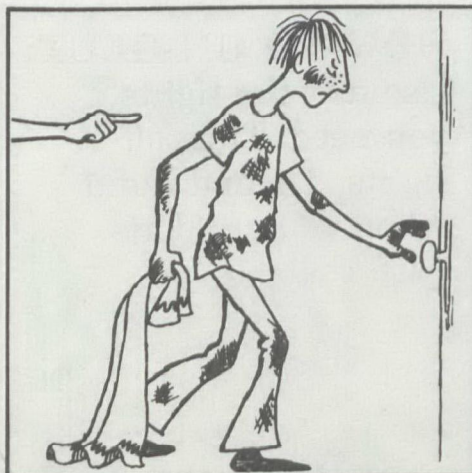
Mrs. Average has a big roast cooking in the oven.



She cooks the rest of the meal on top of the stove and becomes a **GLUT**!

HOW TO UN-GLUT:
Since the oven is on anyway, try to cook some of the vegetables and other foods with the roast, and not use the burners so much.

Save electricity or gas; help cut down on air pollution.



Brother Ben decides to take a shower.

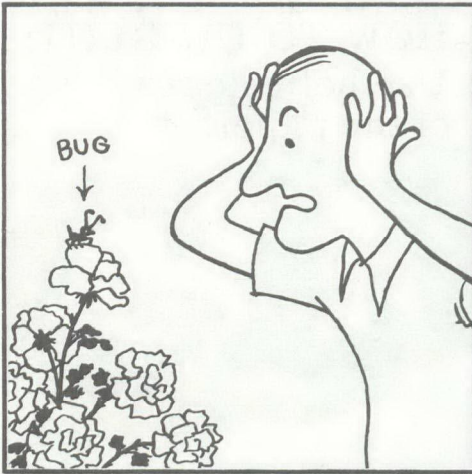


And he becomes a **GLUT** by using GALLONS of water.

HOW TO UN-GLUT:
1. Run just enough water to get wet.
2. Turn off water.
3. "Soap up."
4. Turn on water.
5. Run just enough water to rinse off.

(The average shower takes up to 60 gallons of water!)

Save GALLONS of water. Save the gas that heats the water.



Mr. Average finds a bug on his favorite rose bush.

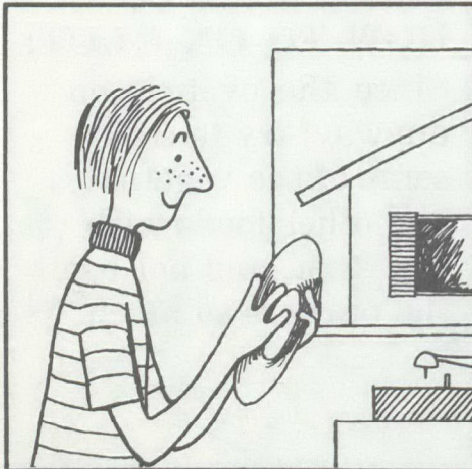


By overspraying it with a poison, he becomes a **GLUT**!

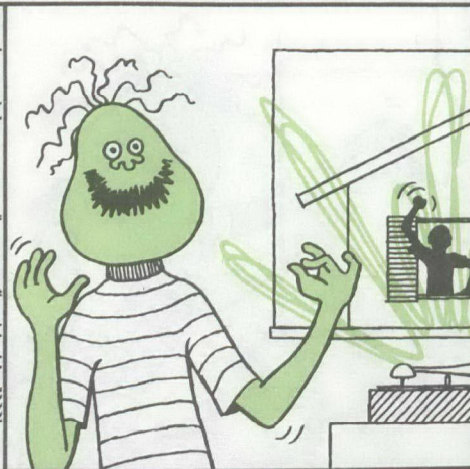
HOW TO UN-GLUT:

Use poisons sparingly (read the labels) and only when necessary — one bug doesn't kill a rose bush.

Keep from killing birds, toads, and other insect-eaters.



Brother Ben wants to play some music.

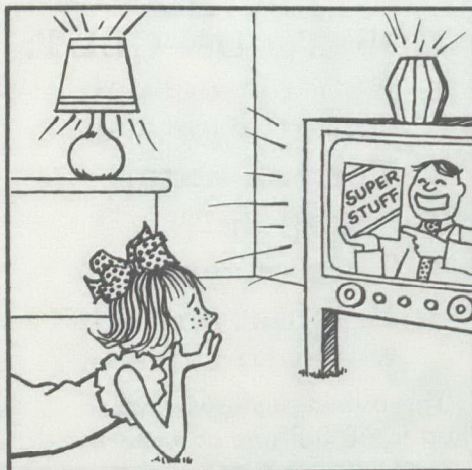


But he plays it too loud and becomes a **GLUT**!

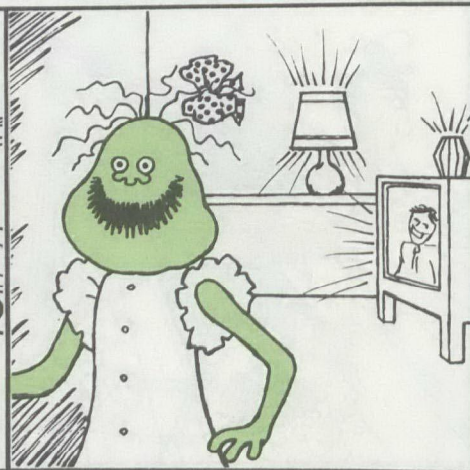
HOW TO UN-GLUT:

Respect other people's right to NOT hear it!
TURN IT DOWN!

Keep down noise pollution.



Sister Sue decides to go outdoors to play.



And she becomes a **GLUT** when she leaves the room.

HOW TO UN-GLUT:

Use just the lights you need. Turn off lights, TV and radio when you are done with them.

Save electricity and help conserve our energy.



Mr. Average and brother Ben clean out the basement.



They throw away things that can still be used. **GLUTS!**

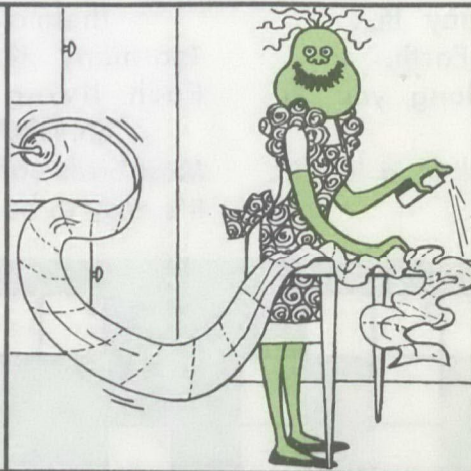
HOW TO UN-GLUT:

Others can use things you don't need. Recycle them – have a garage sale or give them to a charitable group. Find out where to give in your town.

Save natural resources by not constantly needing new things.



Mrs. Average keeps a clean house.



But she uses many, many paper towels and becomes a **GLUT**

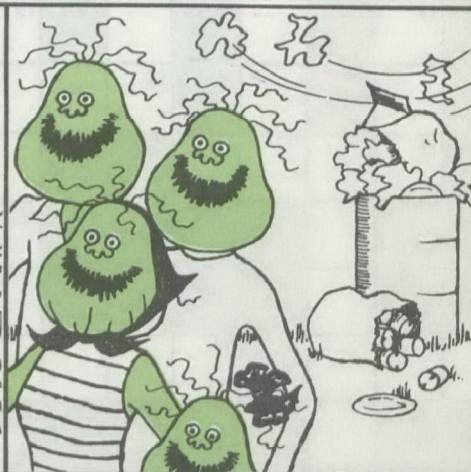
HOW TO UN-GLUT:

Make a rag bag. Worn-out clothes, towels and sheets are good cleaning rags. They can be washed again and again.

Save paper. (Paper is made from trees). Cut down on trash.



After a picnic, the Averages find that the trash cans are full.



But the **GLUTS** leave their trash anyway!

HOW TO UN-GLUT:

If there's no place for it, take your trash home to your own trash can.

Remember:
Every
Litter Bit
Hurts!

Keep wind-blown trash from littering.

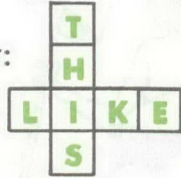
SEE HOW EASY IT IS TO BECOME A GLUT? JUST UN-THINK!

CROSSWORD PUZZLE FUN

"Crossword" means that the words cross each other:

Some words go "across".

Some words go "down".



"ACROSS" words

Every Litter Bit 1!

Trash where it doesn't belong, is called 3.

The 8 is what every living thing needs for life. (already filled in)

9 are good to clean with. Save them.

13 needs to help the ENVIRONMENT!

Each living thing must have 14 in its ENVIRONMENT.

Dirty water from factories kills many 16.

People, animals, and 18 live on Earth.

When you run the shower too long, you 21 22.

When something is not nice to look at, it is 23.

24 put much poison into the air.

What is the missing word in each sentence below?

Find the number of each word in the puzzle.

The FIRST letter of that word goes in the box with the number.

"DOWN" words

When you leave a room, 2 11 the lights.

Paper is made from 4.

Each living thing must have 5 in its ENVIRONMENT.

The ENVIRONMENTS of many 6 have been hurt by man.

7 bothers people and hurts ears.

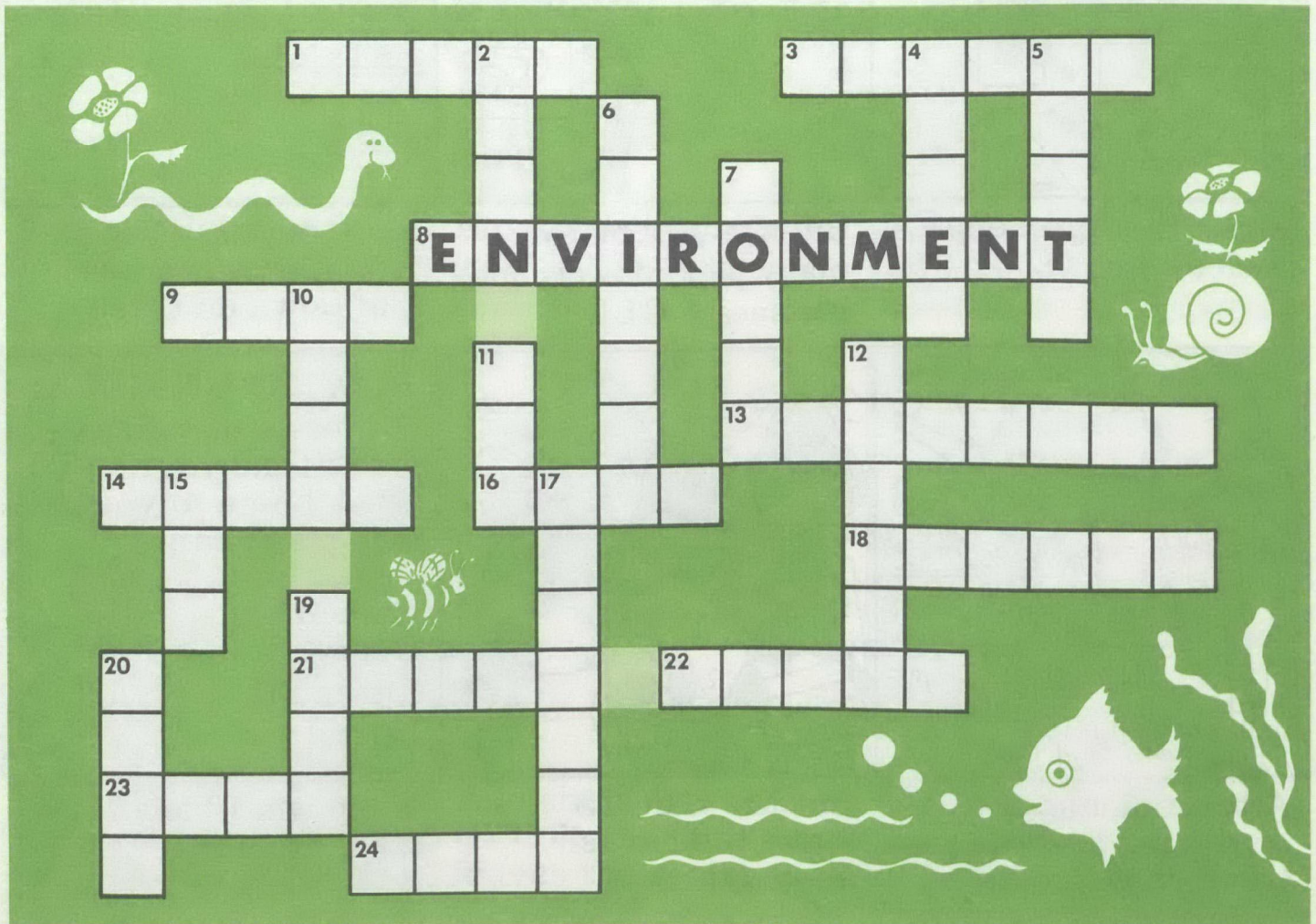
10 19 good, used items. Don't throw them away.

Too many 12 have hurt the ENVIRONMENT.

Each living thing must have 15 in its ENVIRONMENT.

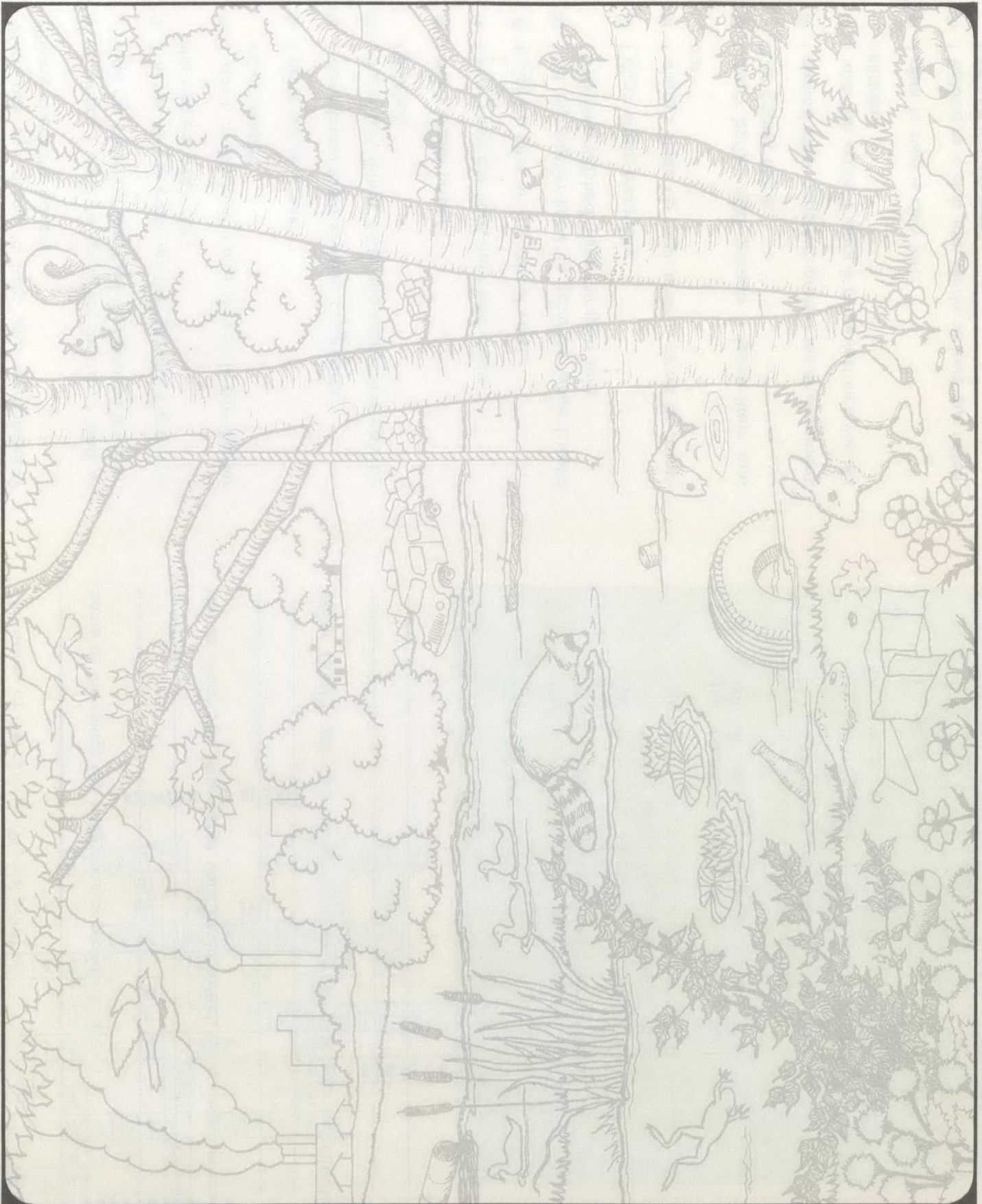
Most birds eat 17.

It's easy to be a 20. Just "un-think"!



THE PRESIDENT'S ENVIRONMENTAL YOUTH AWARDS

COLOR—CLEAN this **ENVIRONMENT** and give it to your teacher. Color **IN** what you like in this environment. Color **OVER** what you don't like. (See back of page.)



What are you doing to help your environment?
(Please check the boxes)

- ☐ If where I need to go is not too far, I walk or ride my bicycle. I don't ask to be taken in a car.
- ☐ I never throw trash on the ground. I put it in the nearest trash can.
- ☐ I don't make loud noise where it can bother other people.
- ☐ I don't waste water.
- ☐ I don't throw trash in lakes or streams.
- ☐ I help sort things from the trash that can be recycled.
- ☐ I don't waste paper.
- ☐ I help keep our yard neat and clean.
- ☐ I pick up litter on my school yard.
- ☐ I let my mother know in advance when I need something washed. (Like my gym suit).
- ☐ I don't waste electricity.
- ☐ I always clean up trash after a picnic or camp-out.
- ☐ I don't bother wild animals. I leave them and their homes alone.
- ☐ I remind other people to protect the environment.
- ☐ I love this earth. I want it to be left nice for MY children.
- ☐ I plan to start a club (or)
- ☐ I belong to a club that works to help our neighborhood environment.

The name of the club is: (Please print)

Some of the things we have done or plan to do are:

tell us what you like about your environment. (your neighborhood)

What DON'T you like about your environment? (your neighborhood)

Dear Teacher:

You can help stimulate an interest in ecology in this child and among all your students.

The President's Environmental Youth Awards were created to encourage and recognize student involvement in cleaning up the environment.

For information on how to enroll your class, club or school in the program write:

The President's Environmental
Youth Awards (A-107)
Environmental Protection Agency
401 M Street, S. W.
Washington, D. C. 20460

Certificates bearing the Presidential seal and signature are granted students who participate in award-winning projects.

ANSWER TO PUZZLE

